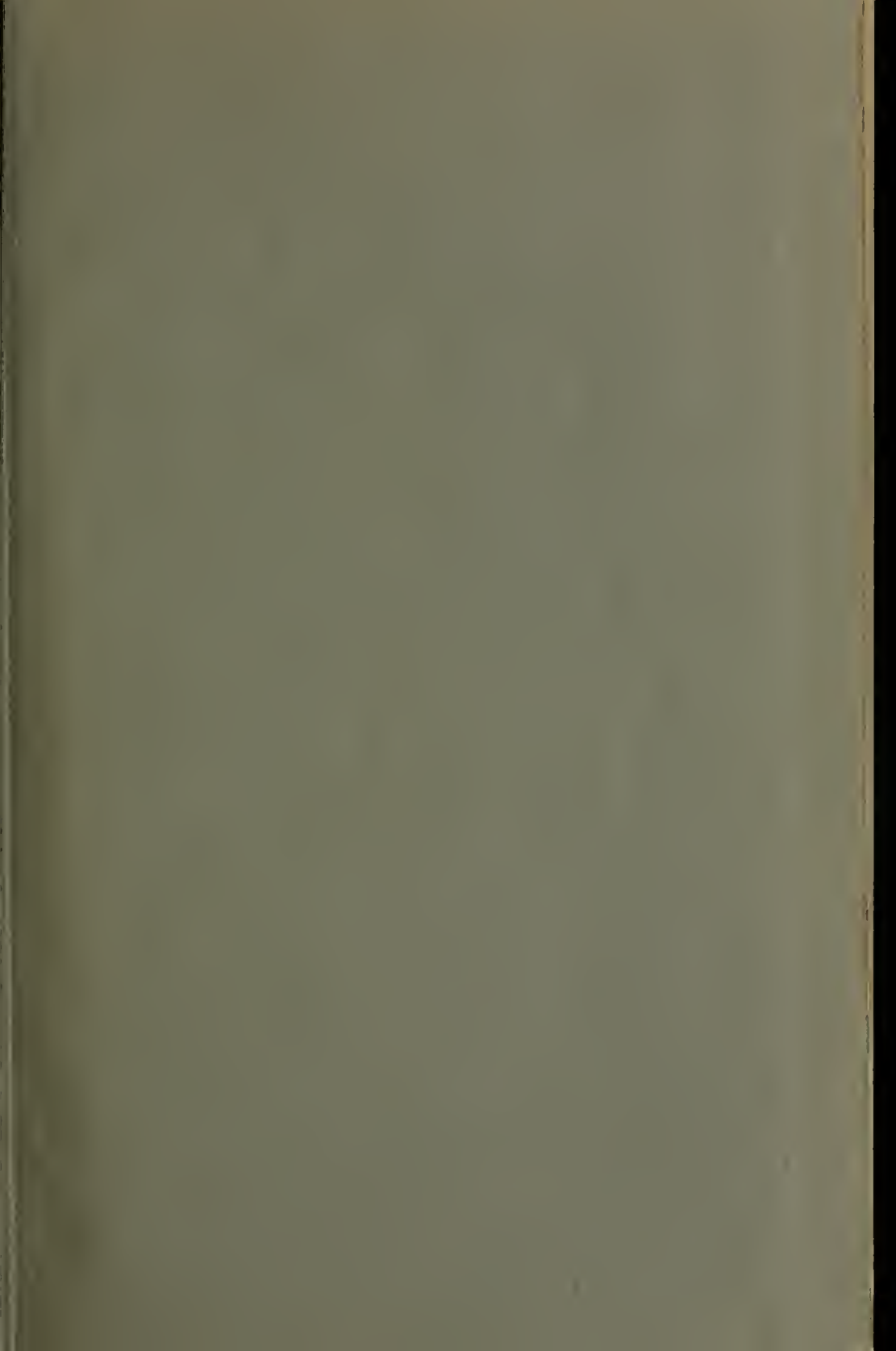
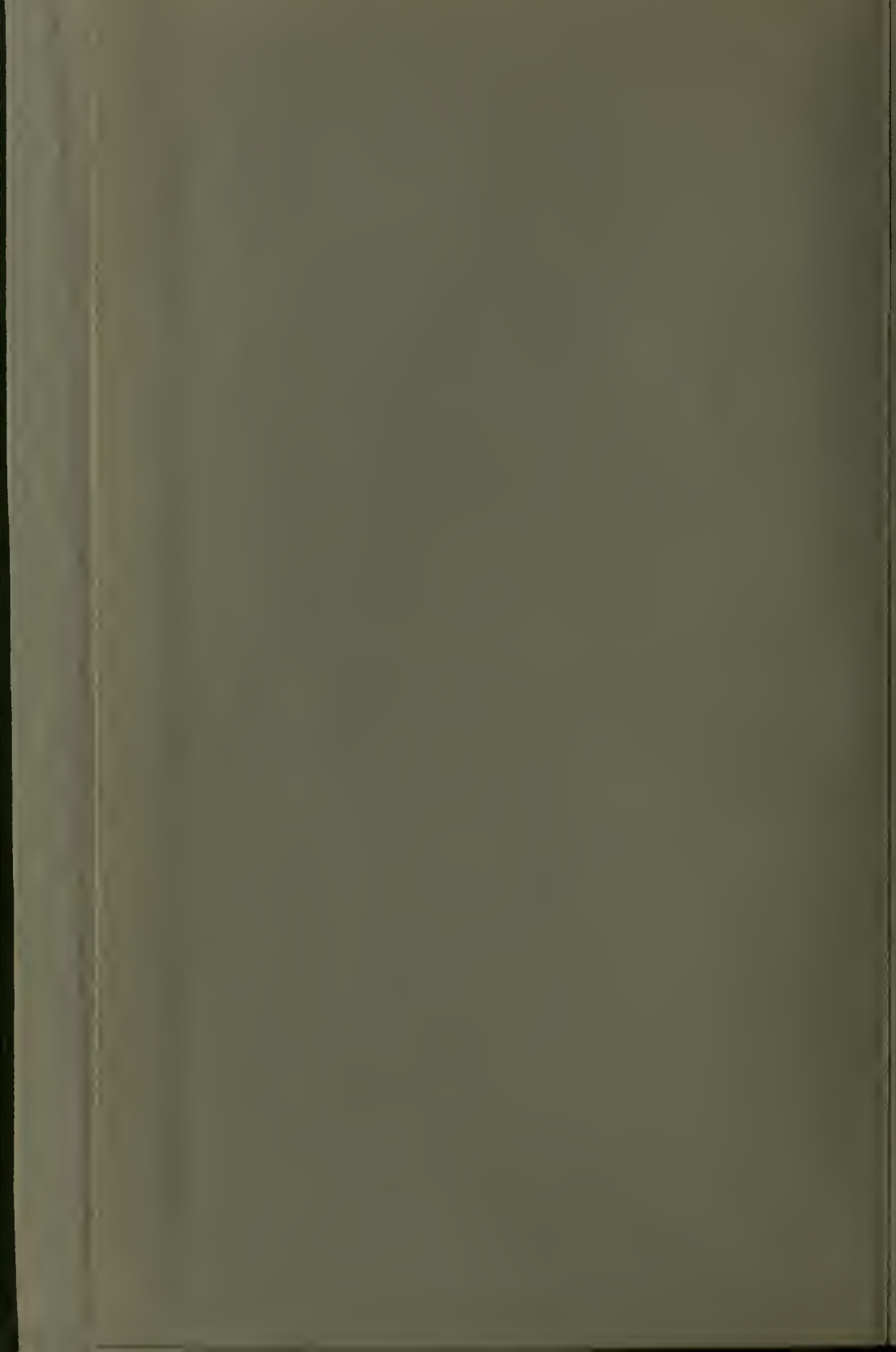
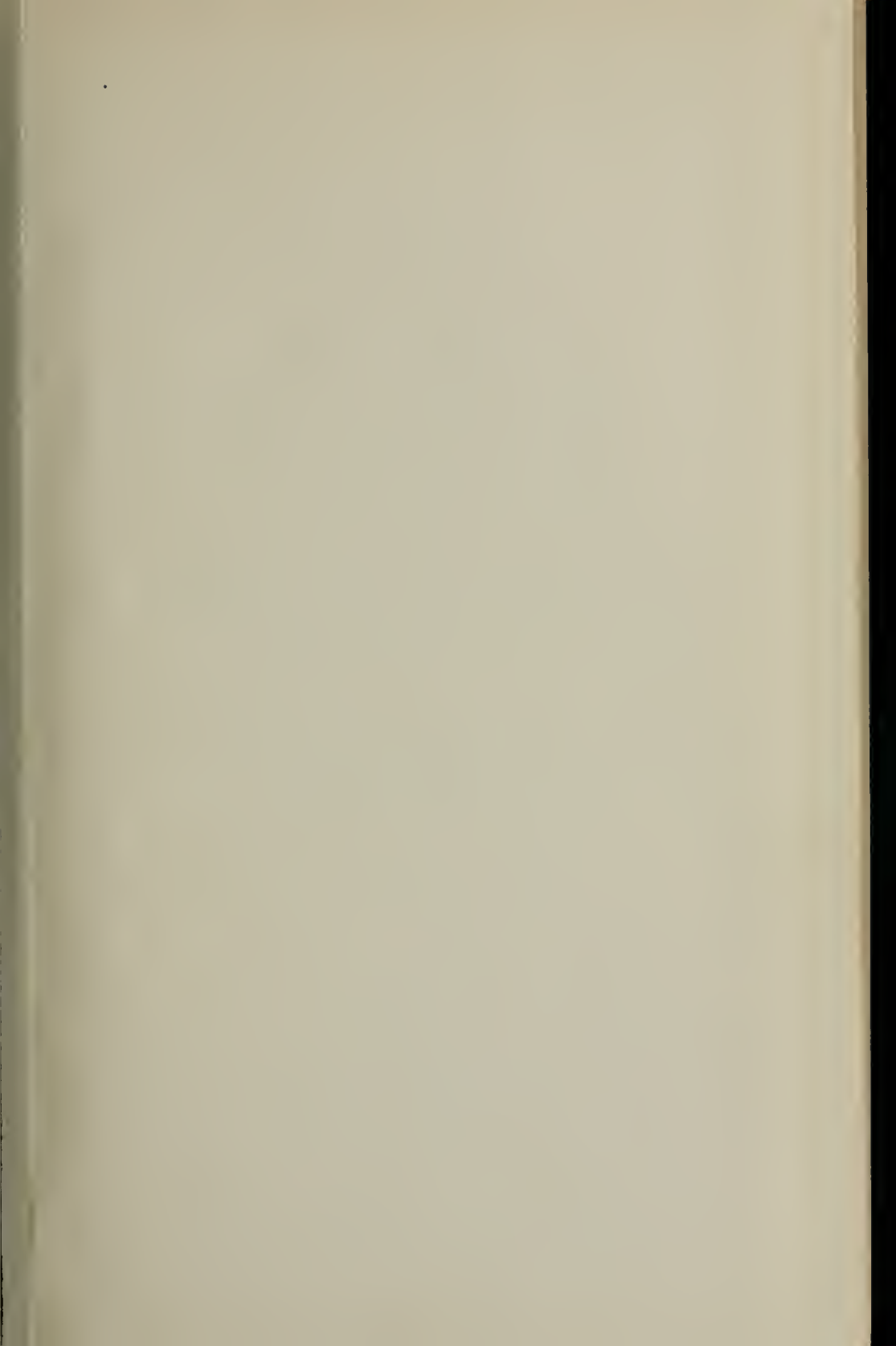




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PUBLICATIONS OF THE
DIVISION OF WATER RESOURCES
EDWARD HYATT, State Engineer

BULLETIN No. 39

SOUTH COASTAL BASIN INVESTIGATION

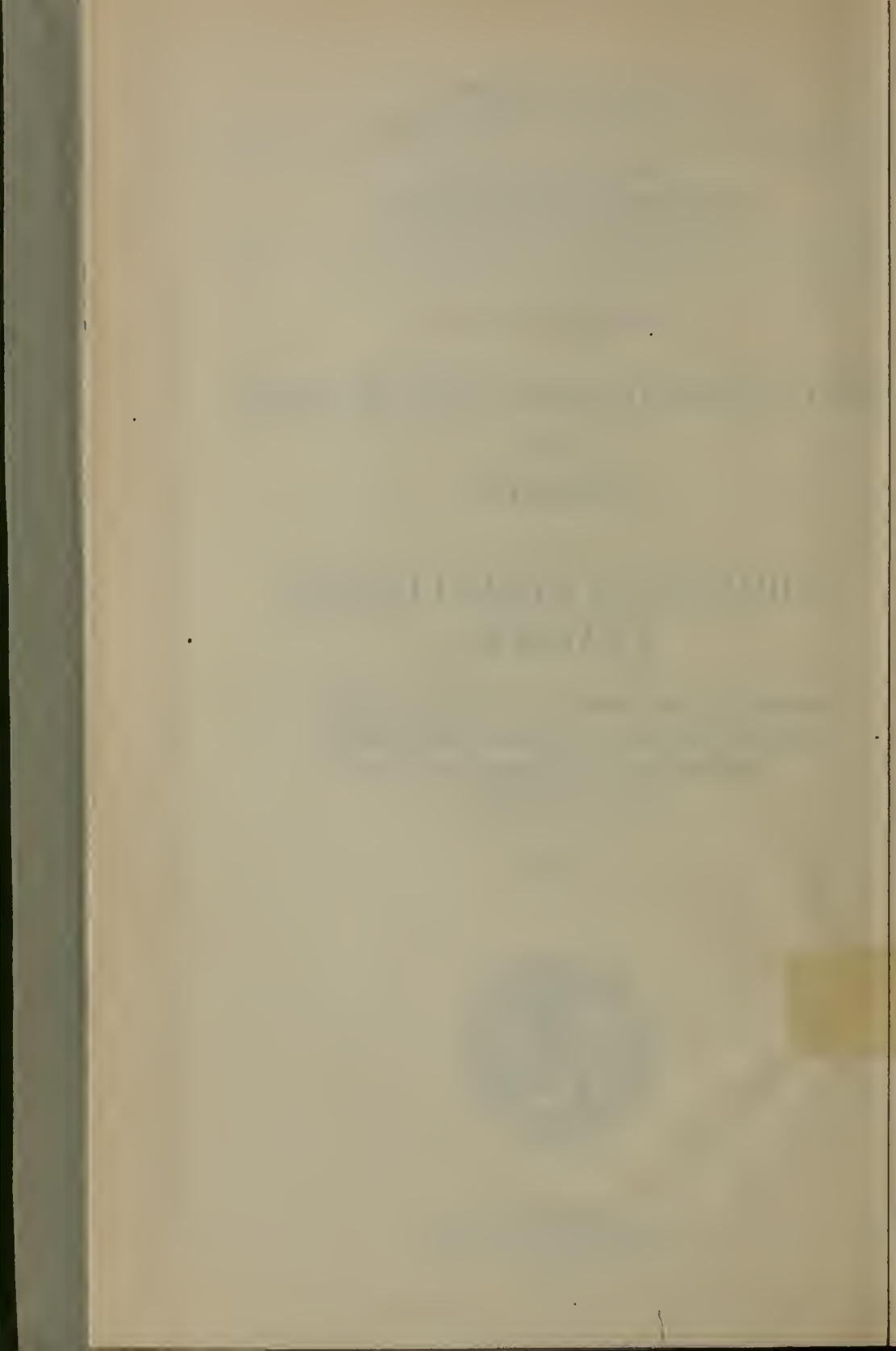
RECORDS
OF
GROUND WATER LEVELS
AT WELLS

Prepared in cooperation with all public bodies—
cities, towns, water companies and protective
associations—in the area, as well as
many individuals

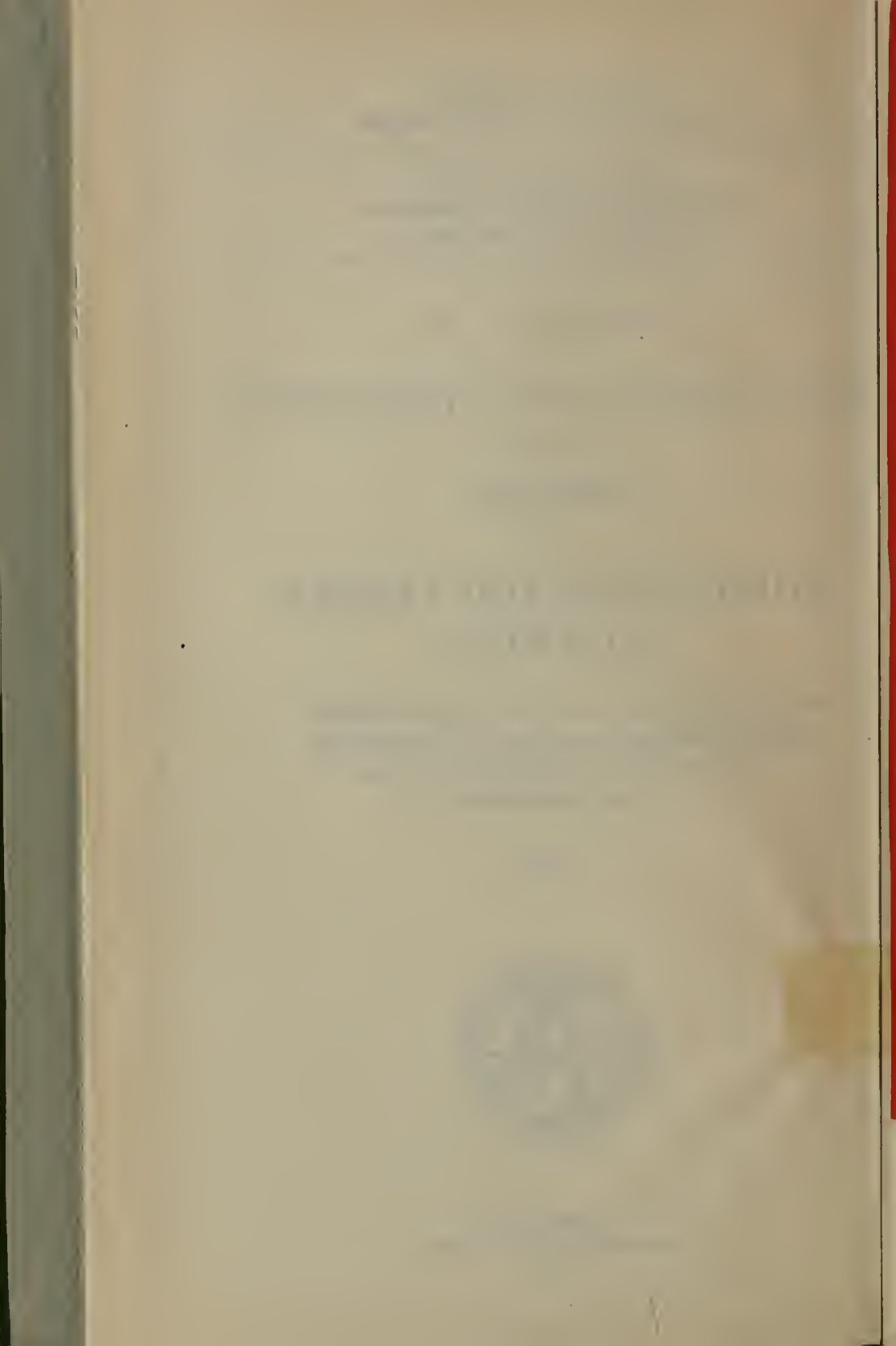
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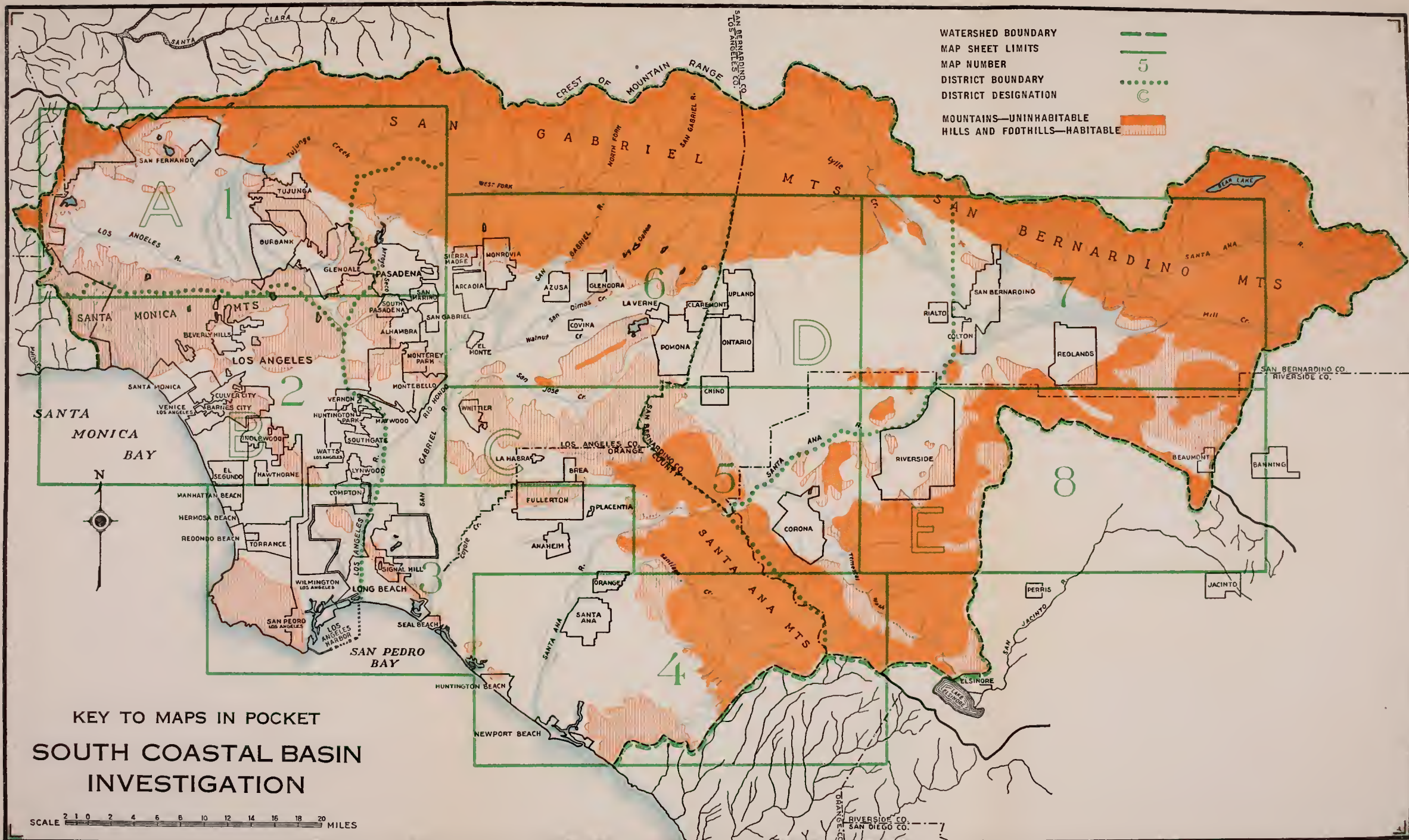


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KEY TO MAPS IN POCKET

SOUTH COASTAL BASIN INVESTIGATION

SCALE 2 1 0 2 4 6 8 10 12 14 16 18 20 MILES

CONTENTS

	<i>Page</i>
Organization	3
Foreword	5
Records of wells, Division A.....	7
Records of wells, Division B.....	55
Records of wells, Division C.....	125
Records of wells, Division D.....	347
Records of wells, Division E.....	443

PLATES

Key map South Coastal Basin.....	<i>frontispiece</i>
Maps 1 to 8, inclusive, showing location of wells.....	<i>pocket</i>

ORGANIZATION

WALTER E. GARRISON-----*Director of Public Works*

EDWARD HYATT-----*State Engineer*

This bulletin was prepared under the general supervision of

HAROLD CONKLING, *Deputy State Engineer*

by

GEORGE B. GLEASON, *Resident Engineer*

and

Staff of Assistants

FOREWORD

This bulletin presents data to January, 1932, relative to ground-water levels in South Coastal Basin, which embraces Santa Ana Valley, San Gabriel Valley, San Fernando Valley, the West Coastal Plain, and the Southern Coastal Plain from Domingues Hills to the mesas of Orange County. The information has been furnished by Los Angeles Flood Control District, Orange County Flood Control District, Los Angeles Department of Water and Power, San Gabriel Valley Protective Association, Chino Basin Protective Association, Pomona Valley Protective Association, Cucamonga Conservation Association, Water Conservation Association, Lytle Creek Water Users Association, Riverside Basin Water Users Council, Riverside County Land Owners Association, Riverside Cement Company, San Bernardino Valley Conservancy District, and practically all of the cities and water companies within the area, as well as by individual well owners. It is this cooperation which has made possible the completeness of the data herein given. It is believed that the bulletin will prove a useful manual for all interested in water development and supply in South Coastal Basin.

The name of the individual or organization furnishing the information is shown in foot notes following the records for each well. The general information presented above the record for each well has been obtained, in part, from the above mentioned sources, and in part by the Division of Water Resources. The owners of the wells and various other individuals have assisted materially in this connection.

Only a portion of the data gathered is presented in this publication. Wells for which measurements are available, but which are not here presented, are indicated on the accompanying maps by open circles, while solid circles represent wells for which measurements are printed herein. Because of limitations of space only enough of the records are given to show the major fluctuations of the water plane at each of the wells published. Additional measurements at most of the wells for which records are herein published have been made and these, as well as records for the wells shown by open circles, are available in the office of the Division of Water Resources.

The South Coastal Basin has been divided into five districts for convenience in numbering the wells. This was done in order that numbers used by the individual or organization measuring a large number of the wells within the district might be continued in use where possible. This plan was not found feasible in the case of Districts A, B, and E, either because the numbers used by organizations in those districts are not available, or because the numbers are too large for convenient use in a report. In District C, the San Gabriel Valley Pro-

teective Association has extended the numbering system previously used by the State Division of Water Rights for the San Gabriel Investigation, and the Orange County Flood Control District uses the same numbers. For this reason, the boundaries of District C were so established as to include most of the areas covered by these organizations. A change in the index letter and number from those used in Bulletins 5 and 6 of the Division of Water Rights is necessary because the area here covered extends farther to the north and west than does the area covered by the San Gabriel Investigation. The numbers used in District D are those of J. R. Shoemaker, engineer of the Chino Basin Protective Association and Pomona Valley Protective Association.

After the subheading "Other numbers used" are given the numbers used by other organizations and individuals. The "Bailey Numbers" in District E are based on the Township-Range-Section system. The "location numbers" are an extension of the Los Angeles County Flood Control District numbers outside of Los Angeles County. In this system of numbering, each six-minute quadrangle is divided into 10 parts each way. These subdivisions are numbered from 0 to 9 from left to right and from top to bottom. The two right-hand digits of the number thus show the location of the well within the quadrangle. Each six-minute quadrangle is given a number and the digits to the left show this quadrangle number. The letters following the number differentiate the wells within the same small coordinate rectangle. Thus, location number 18573A means that the well is in the eighth tier to the east of, and in the fourth row to the south of the northwest corner of six-minute quadrangle number 185.

District A is, in general, the San Fernando Valley. District B includes the area south of Santa Monica Mountains and west of Los Angeles River. District C includes the San Gabriel Valley east to the Los Angeles-San Bernardino County line, the Coastal Plain east of the Los Angeles River, and all of Orange County. District D includes the Chino Basin east of the Los Angeles County line, north of Santa Ana River and west of the line of Meridian Avenue, which lies north and south between Rialto and Colton. District E includes the rest of the Santa Ana River Valley and lies to the south and east of the District D.

The eight maps in pocket show the location of the wells for which measurements are available. These maps are numbered 1 to 8, and the area covered by each is determined solely by the consideration that the maps be approximately equal in size. The frontispiece shows the boundaries of these maps and the boundaries of the well numbering districts.

SOUTH COASTAL BASIN INVESTIGATION

Records of Ground Water Levels at Wells
in District "A"

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A-2-B-5, G. HENRY STETSON (SOMBRERO RANCH), NO. 2. MAP 1

Location and description—100 feet northwest of Olden Avenue produced north, 1000 feet northeast of Remsen Street, northwest of San Fernando.

Reference point—(a) Hole in base of pump, 1.3 feet above ground; (b) 0.6 feet above ground.

Elevation of reference point—(a) 1426 (b) 1425.3; from U. S. G. S. topog. by D. W. R.

Use—Domestic and irrigation.

Depth of well—300 feet.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 5937.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Jan. 10.....	a ^c 137.0	1930— Jan. 22.....	b132.6		

^a Reference point (a) used.

^b Reference point (b) used.

^c Pumping.

Measurements from Los Angeles County Flood Control District.

A-3b-B-6, CITY OF SAN FERNANDO, NO. 4. MAP 1

Log Available

Location and description—300 feet northwest of Hubbard Avenue, 30 feet northeast of Mansfield Street, San Fernando.

Reference point—Center line of air gage, 1 foot above floor and ground.

Elevation of reference point—1245, from U. S. G. S. topog. by D. W. R.

Use—Municipal.

Depth of well—481 feet.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 5969.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Feb. 1.....	122.0	1930— Feb. 14.....	127.0	1931— Feb. 4.....	122.0
May 1.....	116.0	June 1.....	122.0	April 16.....	123.0
July 1.....	123.0	Aug. 1.....	126.0	July 1.....	122.0
Oct. 1.....	132.0	Nov. 1.....	131.0	Nov.—.....	127.0
Dec. 1.....	135.0	Dec. 1.....	127.0	Dec. 5.....	124.0
				1932— Feb. 23.....	114.5

Measurements from owner.

A-4-B-6, FORD-CRAIG RANCH, PIT NO. 1. MAP 1

Location and description—50 feet east of corner of Hubbard Avenue and Garrick Street, north of San Fernando.

Reference point—Top of pit, at ground.

Elevation of reference point—1420, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—400 feet.

Other numbers used—L. A. Co. F. C. D. No. 5988.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1902-----	223.0	1923—		1927—	
1904—		Jan. 14-----	186	Jan. 9-----	218
June 17-----	228	Aug. 1-----	185	Mar. 17-----	216
1907—		1924—		1928—	
May 22-----	214	May 1-----	200	April 9-----	218
1920—		1925—		May 17-----	217
Aug. 1-----	199	Nov. 25-----	217	1929—	
1922—		1926—		June 10-----	230
Aug. 1-----	193	Jan. 9-----	219	Oct. 12-----	226.5
Dec. 5-----	192	July 2-----	213	1930—	
		Dec. 5-----	221	Jan. 23-----	226.6
				Mar. 23-----	228.0
				Sept. 26-----	227.0

Measurements by owner, from Los Angeles County Flood Control District.

A-4c-B-6, McCLAY RANCH COMPANY. MAP 1

Log Available

Location and description—50 feet north of old road to Pacoima Canyon, 150 feet east of present channel, 200 feet west of road on north and south line of Land Grant, San Fernando. 6' x 6' dug shaft.

Reference point—Top of pit, 2 feet above ground.

Elevation of reference point—1226, from U. S. G. S. topog. by D. W. R.

Depth of well—55 feet.

Other numbers used—L. A. Co. F. C. D. No. 5989C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
June 11-----	31.0	Jan. 22-----	30.6	April 21-----	29.6
		April 29-----	29.0		
		Sept. 26-----	30.2		
		Oct. 1-----	30.2		
		Dec. 1-----	30.7		

Measurements from Los Angeles County Flood Control District.

A-4e-B-6, GRIFFITH RANCH, No. 1. MAP 1

Location and description—200 feet southeast of corner of stone wall entrance to Davis Ranch. Open casing near bank of Pacoima Wash.

Reference point—Top of casing, 1.3 feet above ground.

Elevation of reference point—1281, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—345 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 5999.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Mar. 7	50.6	April 13	50.8		
April 29	50.2	May 11	49.4		
Sept. 28	50.5				
Dec. 1	50.7				

Measurements from Los Angeles County Flood Control District.

A-5a-C-2, J. DOTTA. MAP 1

Location and description—30 feet north and 270 feet west of Devonshire and Farralone Avenue, $\frac{1}{4}$ mile north of Chatsworth. Dug shaft.

Reference point—Top of wooden box over well 2 feet above ground.

Elevation of reference point—955, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Other numbers used—L. A. Co. F. C. D. No. 4684.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1931—Cont.	
Jan. 8	13.7	Feb. 2	16.6	Oct. 12	16.6
		Mar. 2	15.0	Nov. 9	17.0
1930—		April 6	15.3	Dec. 30	16.0
Jan. 8	16.2	May 4	15.7		
April 28	15.1	July 6	16.1		
Dec. 3	17.1	Sept. 7	16.4		

Measurements from Los Angeles County Flood Control District.

A-9-D-3, PERRY MULHOLLAND. MAP 1

Location and description—60 feet south and 0.2 miles west of Nordhoff Street and Mason Avenue, north of Owensmouth.

Reference point—Small pipe, northwest side of pump at floor, 0.5 feet above ground.

Elevation of reference point—877, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Other numbers used—L. A. Co. F. C. D. No. 4716.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 7	84.1	May 5	85.4		
April 28	84.0	Dec. 1	87.5		
Dec. 2	86.2				

Measurements from Los Angeles County Flood Control District.

A-10-E-3 OWENSMOUTH ICE COMPANY. MAP 1

Log Available

Location and description—190 feet south of Sherman Way and 70 feet east of Deering Avenue. Owensmouth.

Reference point—Top of casing at floor level about 4 feet above surrounding ground surface.

Elevation of reference point—788.6, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—770 feet.

Diameter of casing—24 inches.

Other numbers used—L. A. D. of W. & P. No. 128; U. S. G. S. No. C-2; L. A. Co F. C. D. No. 4709.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1925—		1929—	
Dec. 1.....	*14.9	Jan. 28.....	9.7	Feb. 26.....	14.0
1921—		April 22.....	9.9	July 11.....	b16.6
Jan. 3.....	13.6	June 5.....	10.5	Oct. 30.....	16.0
Mar. 30.....	12.9	Aug. 28.....	14.4	Dec. 2.....	15.9
June 2.....	12.3	Sept. 30.....	14.9	1930—	
Oct. 7.....	12.4	Dec. 23.....	14.1	Jan. 7.....	b15.7
1922—		1926—		Mar. 25.....	14.8
Mar. 30.....	7.4	Jan. 27.....	14.1	June 12.....	16.2
June 8.....	7.3	Feb. 26.....	13.5	July 11.....	16.9
Oct. 12.....	9.1	April 28.....	13.7	Aug. 12.....	20.3
Dec. 22.....	8.2	June 22.....	14.8	Sept. 24.....	17.9
1923—		Aug. 27.....	15.5	Oct. 29.....	17.2
Mar. 16.....	8.0	Oct. 28.....	14.5	Dec. 23.....	16.7
April 20.....	7.6	Dec. 29.....	13.8	1931—	
July 10.....	8.9	1927—		Jan. 22.....	16.2
Oct. 17.....	8.8	Jan. 27.....	13.5	Feb. 11.....	b15.4
Dec. 19.....	8.6	Mar. 31.....	11.3	April 16.....	16.0
1924—		June 23.....	13.7	May 14.....	15.8
Jan. 16.....	8.7	July 27.....	16.5	June 15.....	b16.9
June 20.....	9.4	Sept. 27.....	14.5	Aug. 3.....	b19.0
Sept. 5.....	10.8	Dec. 23.....	13.8	Sept. 21.....	b19.3
Dec. 30.....	9.7	1928—		Nov. 9.....	b18.2
		Jan. 25.....	13.4	Dec. 30.....	b17.0
		Mar. 28.....	13.2		
		June 26.....	14.4		
		Aug. 29.....	15.0		
		Oct. 24.....	14.9		
		Dec. 26.....	13.6		

* Measurement from United States Geological Survey.

b Measurement from Los Angeles County Flood Control District.

Measurements from Los Angeles Department of Water and Power except as noted.

A-11-D-3, PORTER ESTATE. MAP 1

Location and description—200 feet south of Lassen Street, 300 feet east of Corbin Avenue, northwest of North Los Angeles.

Reference point—Nipple on top of casing 0.3 feet above ground.

Elevation of reference point—917.7, from levels by L. A. D. of W. & P.

Use—Not used.

Diameter of casing—16 inches.

Other numbers used—L. A. D. of W. & P. No. 157A; L. A. Co. F. C. D. No. 4735A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1931—Cont.	
July 3.....	125.6	Feb. 2.....	123.1	July 20.....	124.6
Oct. 23.....	*124.6	Feb. 23.....	122.8	Aug. 17.....	124.2
1930—		Mar. 2.....	123.0	Sept. 14.....	125.2
Jan. 7.....	123.8	Mar. 23.....	122.7	Oct. 5.....	125.8
April 28.....	124.1	April 20.....	124.7	Nov. 24.....	124.0
Dec. 2.....	128.7	May 12.....	122.8	Dec. 30.....	123.5
		June 15.....	124.3		

* Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-12-D-3, MULHOLLAND RANCH. MAP 1

Location and description—60 feet east of Corbin Avenue, 150 feet south of S. P. R. R. (Coast line) crossing, west of North Los Angeles. In pump house.

Reference point—Base of pump at floor 0.5 feet above ground.

Elevation of reference point—830, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—611 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. D. of W. & P. No. 166; L. A. Co. F. C. D. No. 4736.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1930—		1930—Cont.	
Oct. 27.....	45.4	Jan. 8.....	^a 42.9	Sept. 26.....	45.3
1929—		Feb. 18.....	43.5	Oct. 31.....	43.5
April 3.....	42.6	Mar. 25.....	42.4	Dec. 3.....	^a 42.9
June 14.....	^a 42.8	April 28.....	^a 42.7	Dec. 29.....	43.6
Aug. 29.....	54.7	May 13.....	43.7		
Oct. 23.....	43.1	June 12.....	43.9	1931—	
		July 22.....	45.9	May 13.....	^a 45.0
		Aug. 14.....	47.2	Dec. 1.....	^a 52.0
				Dec. 19.....	43.3

^a Measurement from Los Angeles County Flood Control District.

Measurements from Los Angeles Department of Water and Power except as noted.

A-13-D-3, L. E. HUTCHINS. MAP 1

Location and description—75 feet south of Roscoe, 100 feet east of Mason, northeast of Owensmouth.

Reference point—Base of pump, 1 foot above ground.

Elevation of reference point—825.9, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—450 feet.

Diameter of casing—24 inches, 100 feet; 12 inches, 350 feet.

Other numbers used—L. A. D. of W. & P. No. 183; L. A. Co. F. C. D. No. 4728.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—		1927—		1930—	
Jan. 10.....	37.0	Feb. 24.....	39.9	Jan. 6.....	^a 40.7
June 20.....	37.0	April 28.....	39.3	April 28.....	^a 40.1
Sept. 5.....	37.4	July 27.....	43.4	Dec. 3.....	^a 41.0
Nov. 21.....	37.2	Oct. 25.....	40.9		
		Dec. 23.....	40.0	1931—	
1925—				Feb. 23.....	^a 40.4
Jan. 28.....	37.4	1928—		April 6.....	^a 42.5
April 22.....	38.7	Feb. 28.....	39.8	May 4.....	^a 41.0
June 5.....	38.5	May 29.....	40.2	Aug. 17.....	^a 42.6
Aug. 28.....	44.4	July 25.....	42.1	Oct. 5.....	^a 42.0
Oct. 28.....	39.7	Sept. 28.....	40.3	Nov. 24.....	^a 40.0
Dec. 23.....	40.0	Dec. 26.....	40.2	Dec. 30.....	^a 39.9
1926—		1929—			
Feb. 26.....	40.0	April 3.....	^a 40.2		
April 28.....	39.9	June 7.....	^a 41.4		
July 23.....	45.3	July 27.....	^a 42.5		
Oct. 28.....	41.2				
Dec. 29.....	40.3				

^a Measurement from Los Angeles County Flood Control District.

Measurements from Los Angeles Department of Water and Power except as noted.

A-14-D-4, H. HALL. MAP 1

Log Available

Location and description—30 feet south of Lassen Street, 105 feet east of Wilbur Avenue, 50 feet west of small wash, north of North Los Angeles. In pump house.

Reference point—Hole in pump, 1 foot above ground.

Elevation of reference point—894 from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—349 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 4755.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926.....	*110	1930— April 28.....	110.2	1931— May 14.....	113.3
1929— July 12.....	111.6				

* When drilled.

Measurements from Los Angeles County Flood Control District.

A-15-D-4, MR. WRIGHT. MAP 1

Location and description—660 feet north of Chase, 600 feet east of Wilbur, North Los Angeles. 5 foot dug shaft.

Reference point—Top of concrete pit, at ground.

Elevation of reference point—787.3, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—47.5 feet.

Other numbers used—U. S. G. S. No. C-7; L. A. D. of W. & P. No. 126; L. A. Co. F. C. D. No. 4757A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920— Dec. 1.....	*24.5	1925— Jan. 28.....	22.0	1929— Feb. 26.....	20.1
1921— Jan. 3.....	24.9	Mar. 4.....	21.3	April 26.....	19.8
Mar. 30.....	25.0	June 5.....	20.8	May 31.....	19.6
June 1.....	23.1	Aug. 28.....	21.9	July 29.....	19.9
Aug. 9.....	22.7	Nov. 27.....	22.7	Sept. 25.....	20.4
Oct. 7.....	22.2	1926— Jan. 27.....	22.4	Dec. 2.....	20.6
1922— Mar. 23.....	20.9	Mar. 24.....	21.8	1930— Jan. 16.....	20.8
June 8.....	20.2	June 22.....	20.7	Mar. 25.....	20.6
Aug. 28.....	20.0	Aug. 27.....	20.3	June 12.....	20.5
Oct. 12.....	20.4	Oct. 28.....	20.5	Aug. 14.....	20.3
Nov. 12.....	20.1	Dec. 29.....	20.5	Oct. 31.....	20.9
Dec. 22.....	20.4	1927— Feb. 22.....	19.7	Dec. 28.....	21.2
1923— Mar. 16.....	20.1	May 26.....	16.4	1931— Jan. 24.....	21.1
April 20.....	20.1	July 27.....	18.5	Mar. 21.....	20.5
July 10.....	19.8	Sept. 27.....	19.0	May 18.....	20.7
Oct. 17.....	20.5	Nov. 23.....	19.5	July 17.....	21.4
Dec. 19.....	20.8	1928— Jan. 25.....	19.5	Aug. 17.....	21.5
1924— Jan. 16.....	21.0	Mar. 28.....	18.8	Sept. 15.....	29.7
June 20.....	20.8	May 2.....	18.5	Oct. 21.....	21.2
Oct. 22.....	21.8	June 25.....	18.9	Dec. 18.....	21.2
Dec. 30.....	22.1	Aug. 29.....	19.5		
		Oct. 24.....	20.0		
		Dec. 26.....	20.0		

* Measurement from United States Geological Survey.

Measurements from Los Angeles Department of Water and Power except as noted.

A-16-E-4, H. M. LORD. MAP 1

Location and description—East side of Reseda Boulevard, 400 feet north of Sherman Way, Reseda.

Reference point—Top of 6-inch board, top of casing.

Elevation of reference point—736.5, from levels by L. A. D. of W. & P.

Use—Abandoned.

Depth of well—60 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. D. of W. & P. No. 125; L. A. Co. F. C. D. No. 4769.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1923—		1925—	
Sept. 21.....	^a 8.0	Mar. 16.....	10.7	Jan. 28.....	13.7
Dec. 1.....	^a 11.4	June 1.....	9.0	Mar. 4.....	13.9
		Sept. 6.....	10.5	June 5.....	12.9
1921—		Oct. 17.....	11.4	Sept. 30.....	14.0
Jan. 3.....	11.4	Dec. 19.....	12.2	Dec. 23.....	14.4
April 18.....	11.2				
June 2.....	9.4	1924—		1926—	
July 1.....	9.2	Jan. 25.....	12.5	Jan. 27.....	14.6
Aug. 9.....	10.0	June 20.....	11.9	Feb. 26.....	13.5
Oct. 7.....	11.2	July 31.....	11.6	Mar. 24.....	13.9
		Oct. 22.....	13.2	April 28.....	10.7
1922—		Dec. 30.....	13.7	May 25.....	Covered
Mar. 23.....	7.2				
Aug. 28.....	8.1				
Oct. 12.....	10.1				
Dec. 22.....	10.6				

^a Measurement from United States Geological Survey.

Measurements from Los Angeles Department of Water and Power except as noted.

A-17-C-4, SUNSHINE RANCH. MAP 1

Location and description—2900 feet north of Rinaldi Street, 200 feet west of Zelzah Avenue, extended, west of San Fernando. In pump house.

Reference point—Base of pump 1 foot above ground.

Elevation of reference point—1236, from aneroid by D. W. R.

Use—Domestic and irrigation.

Depth of well—432 feet.

Diameter of casing—20 inches.

Other numbers used—L. A. Co. F. C. D. No. 4771.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—			
Jan. 17.....	165.3	Jan. 8.....	^a 189.7		

^a Pumping almost continuously past six months.

Measurements from Los Angeles County Flood Control District.

A-18a-D-4, JOSEPH NADEAU. MAP 1

Location and description—0.2 miles east of Zelzah Avenue, 0.23 miles north of Nordhoff Street, north-east of North Los Angeles.

Reference point—Hole in casing 0.8 feet above ground.

Elevation of reference point—869.1, from levels by L. A. D. of W. & P.

Use—Never used.

Depth of well—501 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 162; L. A. Co. F. C. D. No. 4776.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1930—		1931—	
June 16.....	^a 152.5	Jan. 8.....	155.7	May 13.....	157.3
		April 28.....	155.8	Dec. 5.....	158.1
1929—		Dec. 3.....	156.5	Dec. 19.....	^b 158.0
Jan. 17.....	155.8				
April 3.....	155.7				
June 7.....	155.8				
July 12.....	156.0				

^a When drilled.

^b Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-21-C-5, FOOTHILL ORCHARD COMPANY. MAP 1

Location and description—30 feet south of Chatsworth Street, 300 feet east of Havenhurst Avenue, 0.25 miles west of bridge over wash, southwest of San Fernando.

Reference point—Top of casing at ground.

Elevation of reference point—930, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Never used.

Depth of well—700 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 4803.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—			
Mar. 28.....	228.0	Jan. 8.....	203.6		
June 10.....	218.0	April 28.....	Destroyed		

Measurements from Los Angeles County Flood Control District.

A-22-D-5, M. E. BLAISIER. MAP 1

Log Available

Location and description—75 feet north of Plummer Street, 175 feet west of Havenhurst Avenue, southwest of San Fernando.

Reference point—Top of casing 2 feet above ground.

Elevation of reference point—867, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—400 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 4805.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926.....	*235	1930—		1931—	
1929—		Feb. 7.....	199.4	April 22.....	213.0
June 19.....	198.1	April 29.....	198.4	May 13.....	213.1
July 11.....	214.9	Dec. 1.....	208.9	Dec. 5.....	210.0

* When drilled.

Measurements from Los Angeles County Flood Control District.

A-24-B-5, R. ERRATCHUS. MAP 1

Location and description—140 feet southwest of Monticello Street, 0.3 miles southeast of Bledsoe Avenue, northeast of Lower San Fernando Reservoir, 0.27 miles west of San Fernando Road, west of San Fernando.

Reference point—Floor of pump house, at ground.

Elevation of reference point—1155, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic and irrigation.

Depth of well—131 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 4830.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 10.....	33.0	Jan. 21.....	29.0	May 12.....	33.6
Mar. 27.....	27.7				
June 11.....	44.8				

Measurements from Los Angeles County Flood Control District.

A-24a-C-5, GENERAL PETROLEUM COMPANY. MAP 1

Location and description—600 feet west of San Fernando Road, 0.3 miles north of Hubbard Avenue, northwest of San Fernando.

Reference point—Floor, at ground.

Elevation of reference point—1120, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Industrial.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 4840.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 26	18.8	Feb. 5	16.0	April 22	8.6
		April 28	7.0	May 11	5.1
1929—		Dec. 1	8.4		
Jan. 10	6.1				
Mar. 20	*Flowing				

* By operator.

Measurements from Los Angeles County Flood Control District.

A-24b-C-5, ANGELES MESA LAND COMPANY. MAP 1

Location and description—285 feet northwest of Rinaldi Street, 890 feet northeast of Laurel Canyon Boulevard, San Fernando.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—1026, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Never used.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 4841.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 17	25.5	Jan. 8	25.6	May 11	25.5
Mar. 28	25.8	Dec. 1	25.5		
June 11	26.6				
July 11	26.0				

Measurements from Los Angeles County Flood Control District.

A-26-D-5, ALLISON RANCH. MAP 1

Log Available

Location and description—300 feet east of Sepulveda Boulevard; 700 feet south of Lassen Street, southwest of San Fernando.

Reference point—Floor of pump house, at ground.

Elevation of reference point—880, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—469 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 4835.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Mar. 28	228.4	Jan. 22	229.9	April 21	239.0
June 7	231.2	April 28	230.0	May 13	239.4
		Dec. 2	224.2	Dec. 5	234.0

Measurements from Los Angeles County Flood Control District.

A-26a-D-5, FRANK SPICHTIG. MAP 1

Log Available

Location and description—30 feet east of Noble Avenue, 800 feet south of Parthenia Street, Sepulveda.
 Reference point—Hole in base 1 foot above ground.
 Elevation of reference point—813, from U. S. G. S. topog. by L. A. Co. F. C. D.
 Use—Irrigation.
 Depth of well—385 feet.
 Diameter of casing—14 inches.
 Other numbers used—L. A. Co. F. C. D. No. 4837.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—		1930—		1931—	
Aug.-----	*135	Jan. 23.-----	160.5	Mar. 14.-----	165.7
1929—		April 30.-----	160.1	Dec. 5.-----	159.8
Jan. 18.-----	161.2	Dec. 2.-----	162.4		

* Measurement by owner.

Measurements from Los Angeles County Flood Control District.

A-27-D-5, W. P. WHITSETT. MAP 1

Log Available

Location and description—85 feet west of Noble Street, 0.25 miles north of S. P. R. R. (Coast line), southwest of San Fernando.
 Reference point—Hole in base, 1 foot above ground.
 Elevation of reference point—797, from U. S. G. S. topog. by L. A. Co. F. C. D.
 Use—Irrigation.
 Depth of well—350 feet.
 Diameter of casing—18 inches.
 Other numbers used—L. A. Co. F. C. D. No. 4838.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 18.-----	149.5	Dec. 2.-----	135.2	April 22.-----	136.5
July 12.-----	142.0			Dec. 5.-----	149.1

Measurements from Los Angeles County Flood Control District.

A-27a-D-5, J. S. MOTT (FORMERLY VAN NUYS MUTUAL WATER CO.). MAP 1

Location and description—660 feet west of Van Nuys Boulevard; 300 feet north of Lanark Street, north of Van Nuys.
 Reference point—Top of wooden plug, 0.7 feet above ground.
 Elevation of reference point—793.9, from levels by L. A. D. of W. & P.
 Use—Not used.
 Depth of well—300 feet.
 Diameter of casing—14 inches.
 Other numbers used—U. S. G. S. No. SM-3; L. A. D. of W. & P. No. 103; L. A. Co. F. C. D. No. 4848.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1923—		1930—	
July 21.-----	*132.5	Mar. 16.-----	113.2	Feb. 19.-----	136.3
Aug. 25.-----	*135.5	July 10.-----	112.6	May 16.-----	Dry 145
Dec. 1.-----	*138.5	Sept. 6.-----	123.6	Sept. 22.-----	138.5
		Nov. 20.-----	113.0	Nov. 28.-----	139.0
1921—		1924—		1931—	
Jan. 29.-----	130.8	Jan. 25.-----	113.6	Jan. 26.-----	139.5
April 18.-----	131.9	June 20.-----	125.0	Mar. 23.-----	139.9
July 1.-----	132.2	Sept. 5.-----	124.1	June 15.-----	140.4
Oct. 7.-----	132.5			Sept. 15.-----	141.2
1922—				Dec. 23.-----	142.0
Mar. 22.-----	130.4				
Aug. 28.-----	117.4				
Oct. 3.-----	119.1				
Dec. 22.-----	114.4				

* Measurement from United States Geological Survey.

Measurements from Los Angeles Department of Water and Power except as noted.

A-28b-B-6, CITY OF SAN FERNANDO, NO. 1. MAP 1

Location and description—300 feet southeast of Hubbard Avenue, 600 feet northeast of Fourth Street, San Fernando.

Reference point—Base of pump at ground.

Elevation of reference point—1130, from U. S. G. S. topog. by D. W. R.

Use—Municipal.

Depth of well—170 feet.

Diameter of casing—15 inches.

Other numbers used—L. A. Co. F. C. D. No. 4850B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Jan. 17.....	28.0	Feb. 1.....	18.0	Jan. 22.....	20.0
April 1.....	21.0	May 22.....	28.0		
June 4.....	24.0	July 17.....	38.0		
Aug. 1.....	38.0	Aug. 1.....	32.0		
Oct. 2.....	37.0	Sept. 24.....	36.0		
Dec. 30.....	30.0	Dec. 29.....	20.0		

Measurements from owner.

A-29-C-6, J. E. BOAZ. MAP 1

Location and description—25 feet southwest of Herrick Avenue, 150 feet southeast of Griswold Avenue, San Fernando. 4' x 5' dug shaft.

Reference point—Top of pit, at ground.

Elevation of reference point—1103, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—80 feet.

Other numbers used—L. A. Co. F. C. D. No. 4861.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 10.....	63.9	Jan. 25.....	66.5	April 21.....	68.5
Mar. 27.....	64.6	April 29.....	62.2	May 12.....	67.3
June 11.....	64.7	Dec. 1.....	68.4		

Measurements from Los Angeles County Flood Control District.

A-31-D-6, G. C. RADDATZ. MAP 1

Log Available

Location and description—20 feet southwest of Canterbury Street, 300 feet southeast of Van Nuys Boulevard, 150 feet west of L. A. power line, south of San Fernando.

Reference point—Top of plate over casing, 0.3 feet above ground.

Elevation of reference point—902.3, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—500 feet.

Diameter of casing—14 inches. Shaft to 243 feet.

Other numbers used—L. A. D. of W. & P. No. 104; L. A. Co. F. C. D. No. 4855.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1914.....	*243	1931—		1931—Cont.	
		Feb. 2.....	254.2	July 27.....	255.5
1929—		Feb. 23.....	253.6	Aug. 17.....	254.8
Mar. 27.....	247.2	Mar. 23.....	255.2	Sept. 14.....	255.9
June 11.....	247.8	April 20.....	254.0	Oct. 27.....	260.3
		May 12.....	253.9	Nov. 24.....	257.4
1930—		June 29.....	254.1	Dec. 30.....	258.0
Jan. 25.....	250.1				
April 29.....	251.5				
Dec. 2.....	253.5				

* When drilled.

Measurements from Los Angeles County Flood Control District.

A-31a-D-6, LOS ANGELES CREAMERY. MAP 1

Location and description—300 feet south of intersection of Woodman (Payton) Avenue and Branford Avenue, south of San Fernando.

Reference point—Floor of pump house, 0.5 feet above ground.

Elevation of reference point—824, from U. S. G. S. topog. by D. W. R.

Use—Irrigation and industrial.

Depth of well—850 feet.

Diameter of casing—20 inches.

Other numbers used—L. A. Co. F. C. D. No. 4867.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 29.....	174.4	April 21.....	184.5		
Dec. 3.....	178.0	May 13.....	185.0		

Measurements from Los Angeles County Flood Control District.

A-35-D-6, SAMUEL SHORT. MAP 1

Location and description—490 feet southeast of Montague Avenue, 625 feet northeast of Arleta Street, South of Pacoima.

Reference point—Top of casing, at ground.

Elevation of reference point—888.7, from levels by L. A. D. of W. & P.

Use—Not used.

Diameter of casing—8 inches.

Other numbers used—L. A. D. of W. & P. No. 102; L. A. Co. F. C. D. No. 4876.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
June 10.....	244.0	Jan. 22.....	244.1	April 21.....	245.0
		April 28.....	245.0	May 18.....	246.0
		Dec. 2.....	246.7	June 8.....	246.9
				Dec. 5.....	238.8
				Dec. 23.....	*249.9

* Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-37-C-7, E. BARTHOLOMOUS. MAP 1

Location and description—250 feet north of Kagel Canyon Avenue, 0.45 miles east of Eldridge Street, east of San Fernando.

Reference point—Top of pump foundation at ground.

Elevation of reference point—1200, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 4921.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 29.....	191.6	Jan. 28.....	198.0	May 13.....	197.8
		April 30.....	190.0	Dec. 1.....	196.4
1929—		Dec. 8.....	198.3		
Jan. 29.....	187.3				
April 30.....	188.3				
June 11.....	189.0				

Measurements from Los Angeles County Flood Control District.

A-38-C-7, HOWARD & SMITH NURSERY. MAP 1

Log Available

Location and description—25 feet southwest of Foothill Boulevard and 25 feet northwest of Montague Avenue, southeast of San Fernando.

Reference Point—1-inch hole in pump base, 1 foot above ground.

Elevation of reference point—1002, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—188 feet.

Other numbers used—L. A. Co. F. C. D. No. 4913.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 29.....	87.0	Jan. 28.....	91.5	Dec. 8.....	98.0
		April 7.....	91.2		
1929—		May 12.....	92.3		
Jan. 29.....	88.1				
June 19.....	89.2				

Measurements from Los Angeles County Flood Control District.

A-39-D-7, W. H. LYNCH. MAP 1

Location and description—400 feet southwest of San Fernando Road, 0.70 miles south of Branford Avenue, 0.15 miles northwest of Sheldon Avenue, southeast of Pacoima.

Reference Point—Top of casing at floor 0.5 feet above ground.

Elevation of reference point—902, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 4905.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Mar. 27.....	253.0	Jan. 22.....	260.4	May 12.....	258.5
June 10.....	253.4			Dec. 1.....	259.9
July 13.....	254.9				

Measurements from Los Angeles County Flood Control District.

A-40-E-7, ALICE JOYCE (FORMERLY J. D. KANE). MAP 1

Location and description—150 feet east of Lankershim Boulevard, 1,615 feet north of Sherman Way, west of Burbank.

Reference Point—Top of casing, 0.5 feet above ground, to and including August 6, 1930; then 0.7 feet lower.

Elevation of reference point—761.6 to and including August 6, 1930; then 760.9; from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—197 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 62; U. S. G. S. No. SM-5; L. A. Co. F. C. D. No. 4919.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1925—		1929—	
July 21.....	*129.5	May 8.....	128.2	Jan. 8.....	136.3
Sept. 21.....	*132.0	July 7.....	132.5	Feb. 8.....	136.0
Dec. 1.....	*132.0	Oct. 2.....	137.4	April 10.....	136.2
		Dec. 4.....	138.6	June 12.....	137.6
1921—		1926—		Aug. 6.....	139.7
Feb. 25.....	132.7	Jan. 7.....	136.5	Oct. 3.....	142.7
June 2.....	133.1	Mar. 11.....	135.1	Dec. 3.....	141.4
Aug. 9.....	133.3	June 24.....	130.9		
Oct. 4.....	133.3	Sept. 23.....	137.8	1930—	
		Dec. 16.....	135.8	Jan. 16.....	141.3
1922—		1927—		Mar. 26.....	141.9
Mar. 27.....	114.9	Feb. 3.....	134.9	June 4.....	142.1
June 8.....	103.2	May 5.....	131.0	Aug. 6.....	142.8
Aug. 28.....	104.7	Aug. 4.....	131.5	Nov. 28.....	143.6
Nov. 9.....	107.5	Nov. 2.....	131.9		
Dec. 22.....	103.4	Dec. 7.....	131.7	1931—	
1923—		1928—		Jan. 26.....	142.7
Mar. 14.....	109.0	Jan. 5.....	130.7	Mar. 23.....	139.6
July 10.....	111.2	Mar. 7.....	131.7	May 22.....	140.5
Oct. 17.....	114.2	May 10.....	135.0	July 7.....	141.3
Dec. 19.....	115.6	Sept. 12.....	134.6	Sept. 4.....	146.0
1924—		Dec. 5.....	136.5	Oct. 9.....	148.7
Jan. 25.....	114.3			Oct. 23.....	146.5
June 20.....	118.4			Nov. 20.....	149.7
					147.2

* Measurement from United States Geological Survey.

Measurements from Los Angeles Department of Water and Power except as noted.

A-41-C-7, MR. MASON. MAP 1

Location and description—350 feet south of Tujunga Valley Avenue, 0.2 miles west of Cristy Avenue, west of Sunland.

Reference point—Base of pump 0.3 feet above ground.

Elevation of reference point—1093.8, from levels by L. A. D. of W. & P.

Use—Stock and irrigation.

Depth of well—124 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. D. of W. & P. No. 103; L. A. Co. F. C. D. No. 4932A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 30.....	36.9	Jan. 28.....	41.0	April 7.....	40.1
		April 30.....	36.8	May 12.....	39.6
1929—		Dec. 8.....	41.5	Nov. 5.....	43.8
Jan. 29.....	38.0			Nov. 23.....	*44.1
				Dec. 29.....	*45.4

* Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-42-D-7, E. E. DAYTON. MAP 1

Location and description—300 feet east of Sunland Boulevard; 0.1 miles north of Radford Avenue, north of Roscoe. 6-foot dug shaft.

Reference point—Top of curb, at ground.

Elevation of reference point—885.9, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—98.5 feet.

Other numbers used—L. A. D. of W. & P. No. 101; L. A. Co. F. C. D. No. 4936.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1931—	
Mar. 10.....	55.3	Nov. 4.....	66.8	Jan. 27.....	72.2
April 10.....	54.6			Feb. 26.....	72.4
1924—		1928—		April 21.....	^a 94.8
Dec. 18.....	69.4	Oct. 30.....	^a 87.5	May 14.....	^a 75.7
		Dec. 11.....	69.5	Sept. 17.....	74.0
1926—		1930—		Nov. 25.....	^a 79.7
Feb. 5.....	67.±	Jan. 25.....	^a 71.4	Dec. 28.....	74.4
		April 30.....	^a 78.1		
		Dec. 9.....	^a 90.3		

^a Measurement from Los Angeles County Flood Control District.

Measurements from Los Angeles Department of Water and Power except as noted.

A-43-E-7, P. J. McGARRY. MAP 1

Location and description—300 feet north of Winona Avenue, 0.25 miles west of Hollywood Way, Burbank.

Reference point—Top of casing-slot in cover, 0.8 feet above ground.

Elevation of reference point—713.7, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—154 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 88; L. A. Co. F. C. D. No. 4949.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 30.....	116.8	Feb. 19.....	121.5	May 26.....	^a 121.3
1929—					
Jan. 30.....	117.0				
April 8.....	116.9				
June 10.....	117.8				

^a Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-44-C-7, GARRETT OLSON. MAP 1

Log Available

Location and description—30 feet north of Tujunga Valley Avenue, 0.5 miles west along Michigan Avenue from north end of main bridge over Big Tujunga Wash, northwest of Sunland.

Reference point—Top of casing at ground.

Elevation of reference point—1160, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—120 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 4952.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 17.....	51.0	Jan. 28.....	45.8	May 12.....	50.8
April 30.....	31.9	Dec. 8.....	51.0	Dec. 8.....	55.0
June 21.....	39.1				

Measurements from Los Angeles County Flood Control District.

A-45-C-8, MR. KRETEK. MAP 1

Log Available

Location and description—400 feet north and 0.15 miles east of intersection of Wentworth Avenue and Mary Bell Avenue, west of Sunland. Casing in pit.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—1167, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—25.5 feet to and including March, 1931; then 125 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 4953A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1931—		1931—Cont.	
April.....	2	Feb. 2.....	27.0	June 22.....	25.5
		Mar. 30.....	24.4	Sept. 21.....	27.0
1930—		April 26.....	25.4	Nov. 24.....	26.4
Feb. 1.....	*25.1	May 25.....	24.1	Dec. 1.....	27.2
Dec. 9.....	26.2				

* Pump was started and drained well in 10 minutes.

Measurements from Los Angeles County Flood Control District.

A-46b-E-7, N. P. ANTONIO. MAP 1

Location and description—700 feet east of San Fernando Boulevard and 100 feet north of Burlos Avenue extended east, north of Burbank.

Reference point—Top of concrete sill, 0.7 feet below ground.

Elevation of reference point—724.9, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—175 feet.

Diameter of casing—12 inches.

Other numbers used—U. S. G. S. No. SM-8; L. A. Co. F. C. D. No. 4959B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1924—		1930—	
July 26.....	*124.0	June 20.....	113.6	May 10.....	131.5
Aug. 24.....	*124.8	Sept. 5.....	115.4	July 7.....	132.2
Sept. 21.....	*124.0	Oct. 22.....	116.1	Sept. 12.....	133.9
Nov. 23.....	*124.6			Nov. 19.....	135.2
1921—		1925—		1931—	
Jan. 3.....	*124.5	Jan. 6.....	116.8	Jan. 15.....	134.4
Feb. 25.....	*123.9	Mar. 10.....	117.7	Mar. 9.....	133.3
April 18.....	*124.2	June 12.....	119.8	May 9.....	132.9
July 1.....	*124.9	Aug. 28.....	123.2	May 9.....	133.4
Sept. 7.....	*125.6	Oct. 28.....	124.9	July 6.....	134.8
Oct. 7.....	*125.4	Dec. 23.....	126.0	Aug. 6.....	Dry
				Sept. 7.....	Dry
1922—		1926—		Nov. 10.....	Dry
Mar. 23.....	122.5	Mar. 24.....	126.4		
Sept. 28.....	110.1	May 25.....	126.2	1932—	
Nov. 9.....	109.0	Aug. 27.....	126.7	Jan. 5.....	Dry
		Oct. 27.....	127.1		
1923—		Nov. 30.....	127.0		
April 20.....	107.6				
July 10.....	109.0				
Sept. 6.....	110.2				
Dec. 19.....	110.8				

* Measurement from United States Geological Survey.

Measurements from Los Angeles Department of Water and Power except as noted.

A-48-C-8, F. J. DAVRAINVILLE (FORMERLY R. W. DRAKE). MAP 1

Location and description—250 feet north of Wentworth Street, 400 feet west of Oro Vista Street, Sunland, 3' x 6' dug shaft.

Reference point—Top of concrete pit, at ground.

Elevation of reference point—1285.5, from levels by L. A. D. of W. & P.

Use—Domestic.

Depth of well—60 feet.

Other numbers used—L. A. D. of W. & P. No. 114; L. A. Co. F. C. D. No. 4983.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 31.....	52.0	Jan. 28.....	56.6	Jan. 26.....	*58.3
		Dec. 8.....	57.5	April 6.....	58.0
1929—				May 12.....	58.2
Jan. 29.....	52.7			Nov. 25.....	62.0
April 30.....	47.0			Dec. 29.....	*61.1
July 11.....	47.9				

* Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-48c-C-8, MR. McDONALD. MAP 1

Location and description—50 feet south of Fenwick Street extended, 400 feet east of Oro Vista Avenue, Sunland. Dug shaft.

Reference point—Top of pit at ground.

Elevation of reference point—1370, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—38.5 feet.

Other numbers used—L. A. Co. F. C. D. No. 4983C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 31.....	32.7	Jan. 28.....	36.5	May 6.....	Dry
		Dec. 9.....	Dry	Nov. 25.....	Dry
1929—					
Jan. 29.....	32.4				
April 30.....	32.1				

Measurements from Los Angeles County Flood Control District.

A-48j-C-8, A. ADAMS, JR., NO. 2. MAP 1

Location and description—400 feet north of Hillrose Street, 300 feet west of Sherman Grove Avenue, Sunland.

Reference point—Top of casing, 3 feet below ground.

Elevation of reference point—1310, from aneroid by D. W. R.

Use—Not used.

Depth of well—58 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 4973A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
Dec. 8.....	4.9	Mar. 2.....	4.1	Sept. 21.....	8.0
		April 20.....	5.0	Oct. 27.....	7.3
		June 29.....	4.0	Nov. 17.....	7.0

Measurements from Los Angeles County Flood Control District.

DIVISION OF WATER RESOURCES

A-49-C-8, MR. ARDIZZONE. MAP 1

Location and description—25 feet east of Woodward Avenue and 50 feet north of Hillrose Street, Sunland.

Reference point—Base of pump, 0.3 feet above ground.

Elevation of reference point—1450, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Other numbers used—L. A. Co. F. C. D. No. 4993.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Oct. 31.....	102.9	1930— Dec. 9.....	110.3	1931— May 6..... Nov. 25.....	109.0 109.5
1929— Jan. 29.....	98.4				

Measurements from Los Angeles County Flood Control District.

A-49a-C-8, AMERICAN STATES WATER SERVICE COMPANY. MAP 1

Log Available

Location and description—250 feet south of Michigan Avenue, 50 feet east of Woodward Street, Sunland.

Reference point—Base of pump, 1 foot above ground.

Elevation of reference point—1461, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic and irrigation.

Depth of well—350 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 4994.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Oct. 31.....	*113.0	1930— Jan. 8..... Dec. 9.....	124.8 125.0	1931— May 13.....	126.0
1929— Jan. 29.....	102.2				

* Shut down for measurement.

Measurements from Los Angeles County Flood Control District.

A-50-D-9, J. D. MILLAR COMPANY. MAP 1

Log Available

Location and description—450 feet north of Foothill Boulevard, 300 feet east of Moore Avenue, south-east of Sunland.

Reference Point—Top of casing, at ground.

Elevation of reference point—1842, from aneroid by D. W. R.

Use—Domestic and irrigation.

Depth of well—353 feet.

Diameter of casing—12 inches.

Other numbers used—P. W. D. No. 260-A-1; L. A. Co. F. C. D. No. 5035.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Mar. 14..... June 21.....	216.5 219.5	1930— Jan. 23..... April 28..... Dec. 9.....	219.5 220.4 *222.7	1931— April 22..... 1932— Jan. 6.....	224.2 227.2

* Measurement from Pasadena Water Department.

Measurements from Los Angeles County Flood Control District except as noted.

A-50b-D-9, HIGHWAY HIGHLANDS WATER COMPANY. MAP 1

Log Available

Location and description—75 feet south of Foothill Boulevard, 300 feet west of Central Avenue, Highway Highlands, southeast of Sunland.

Reference point—Base of pump, at ground.

Elevation of reference point—1750, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—309 feet.

Diameter of casing—12 inches.

Other numbers used—P. W. D. No. 240-A-1; L. A. Co. F. C. D. No. 5036.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924-----	a125	1930—		1931—	
1929—		Jan. 23-----	b146.0	May 20-----	d155.0
Mar. 12-----	b140	April 28-----	c145.8	1932—	
		Dec. 9-----	d149.5	Jan. 6-----	e156.0

a When drilled.

b Measurement from operator.

c Measurement from Los Angeles County Flood Control District.

d Measurement from Pasadena Water Department.

A-51-D-9, MOUNTAIN WATER COMPANY. MAP 1

Log Available

Location and description—800 feet west of New York Avenue, 2300 feet north of Foothill Boulevard, southeast of Sunland. Casing in shallow pit.

Reference point—Concrete floor, at ground.

Elevation of reference point—1868, from aneroid by D. W. R.

Use—Domestic.

Depth of well—392 feet.

Diameter of casing—12 inches.

Other numbers used—P. W. D. No. 261-A-1; L. A. Co. F. C. D. No. 5046.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1930—		1931—	
Mar. 1-----	227	Jan. 23-----	233.9	Mar. 31-----	b234.0
1928—		April 30-----	233.4	April 30-----	240.5
April 27-----	a234.3	Dec. 9-----	a243.2	1932—	
				Jan. 6-----	241.9

a Measurement from Pasadena Water Department.

b Measurement by Pomona Pump Company.

Measurements from Los Angeles County Flood Control District except as noted.

A-51d-D-9, TRACY Q. HALL. MAP 1

Log Available

Location and description—1200 feet north of Foothill Boulevard, 500 feet west of Pennsylvania Avenue, La Crescenta.

Reference point—Pump base, 0.3 feet above ground.

Elevation of reference point—1692, from aneroid by D. W. R.

Use—Domestic and irrigation.

Depth of well—315 feet.

Diameter of casing—16 inches.

Other numbers used—P. W. D. No. 252-B-2; L. A. Co. F. C. D. No. 5056.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
April 30-----	a116	Jan. 23-----	119.3	Aug. 6-----	125.8
1929—		May 5-----	a120.9	1932—	
Mar. 18-----	113.8	Dec. 9-----	a123.4	Jan. 6-----	127.2
July 11-----	116.1				
Nov. 12-----	a119.3				

a Measurement from Pasadena Water Department.

Measurements from Los Angeles County Flood Control District except as noted.

A-52-D-9, LA CRESCENTA MUTUAL WATER COMPANY, NO. 4. MAP 1

Location and description—90 feet south of Honolulu Avenue, 60 feet west of Dunsmoore Avenue, southeast of Sunland.

Reference point—Base of pump, 0.5 feet above ground.

Elevation of reference point—1435, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—157 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 5047.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 23.....	69.8	April 28.....	67.0		
Nov. 15.....	74.2				

Measurements from Los Angeles County Flood Control District.

A-52c-D-9, VERDUGO WOODS ESTATES. MAP 1

Location and description—South side of boundary fence on north line of Verdugo Woods Estates, 125 feet west of main entrance, which is at south end of New York Avenue, 0.2 miles south of Honolulu Avenue, north of Glendale.

Reference point—Top of casing, 2 feet above average ground.

Elevation of reference point—1548, from aneroid by D. W. R.

Use—Not used.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 5047C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1932—			
June 9.....	32.0	Jan. 6.....	30.1		
Aug. 8.....	33.1				
Sept. 11.....	34.5				

Measurements from Los Angeles County Flood Control District.

A-52d-D-9, LA CRESCENTA MUTUAL WATER COMPANY, CRESCENTA NO. 5. MAP 1

Log Available

Location and description—500 feet south of Foothill Boulevard, 300 feet east of Pennsylvania Avenue, La Crescenta.

Reference point—Hole in casing at floor and ground to and including May 20, 1931; then, top of casing.

Elevation of reference point—1544 to and including May 20, 1931; then 1545.4; from aneroid by D. W. R.

Use—Domestic.

Depth of well—270 feet.

Diameter of casing—12 inches.

Other numbers used—P. W. D. No. 253-B-2; L. A. Co. F. C. D. No. 5057.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Mar. 18.....	137.0	April 20.....	140.5	Jan. 6.....	143.2
		May 8.....	138.7		
1930—		May 20.....	140.8		
Jan. 23.....	138.9	Sept. 23.....	142.5		
April 28.....	138.2				
May 5.....	*138.0				
Dec. 9.....	*140.6				

* Measurement from Pasadena Water Department.

Measurements from Los Angeles County Flood Control District except as noted.

A-53-D-10, H. S. BISSELL. MAP 1

Log Available

Location and description—6000 feet north of Foothill Boulevard, 800 feet east of La Crescenta Avenue, north of La Crescenta.

Reference point—Concrete floor, at ground.

Elevation of reference point—2022, from aneroid, by D. W. R.

Use—Irrigation.

Depth of well—198 feet.

Diameter of casing—12 inches.

Other numbers used—P. W. D. No. 250; L. A. Co. F. C. D. No. 5065.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925— Nov.-----	90	1928— April 30.-----	95		

Measurements from Pasadena Water Department.

A-54-D-10, MOUNTAIN WATER COMPANY. MAP 1

Log Available

Location and description—50 feet west of Pickens Wash Channel, 600 feet east of Briggs Avenue, 50 feet south of Fairmont Avenue extended east, 0.3 miles north of Foothill Boulevard, La Crescenta

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—1639, from aneroid by D. W. R.

Use—Not used.

Depth of well—203 feet.

Diameter of casing—12 inches.

Other numbers used—P. W. D. No. 247; L. A. Co. F. C. D. No. 5077.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Mar. 18----- June 21----- Nov. 17-----	129.4 130.5 *138.6	1931— Jan. 27----- Mar. 2----- May 28----- July 2----- Sept. 4----- Nov. 13-----	135.3 135.5 135.6 135.8 136.0 136.3	1932— Jan. 6-----	136.7
1930— Jan. 23----- May 5----- Dec. 9-----	134.7 *133.4 135.3				

* Measurement from Pasadena Water Department.

Measurements from Los Angeles County Flood Control District except as noted.

A-54c-D-10, C. J. ANDRESEN. MAP 1

Location and description—350 feet east of Rosemont Avenue, 125 feet north of Altura Street, La Crescenta.

Reference point—Base of pump, 0.3 feet above ground.

Elevation of reference point—1440, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—225 feet.

Diameter of casing—12 inches.

Other numbers used—P. W. D. No. 256-B-3; L. A. Co. F. C. D. No. 5068.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— April 28-----	*176	1930— Jan. 23----- Dec. 9-----	187.3 *187.2	1932— Jan. 6-----	198.4
1929— Mar. 18----- June 21-----	180.4 182.7				

* Measurement from Pasadena Water Department.

Measurements from Los Angeles County Flood Control District except as noted.

A-54d-D-10, LA CANADA IRRIGATION DISTRICT, NO. 2. MAP 1

Log Available

Location and description—700 feet east of Castle Road, 0.7 miles north of Foothill Boulevard, La Crescenta.

Reference point—Top of concrete floor, at ground

Elevation of reference point—1730, from aneroid by D. W. R.

Use—Domestic and irrigation.

Depth of well—401 feet.

Diameter of casing—16, 14 inches.

Other numbers used—P. W. D. No. 205; L. A. Co. F. C. D. No. 5077A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Mar. 20.....	247 9	Jan. 23.....	238 3	April 20.....	236 9
Nov. 17.....	*252 7	Dec. 11.....	*233 0		

* Measurement from Pasadena Water Department.

Measurements from Los Angeles County Flood Control District except as noted.

A-54e-D-10, LA CANADA IRRIGATION DISTRICT. MAP 1

Log Available

Location and description—300 feet west of junction of Foothill Boulevard and Castle Road, La Crescenta.

Reference point—Top of casing, 3.5 feet above ground.

Elevation of reference point—1498, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—116 feet.

Diameter of casing—16 inches.

Other numbers used—P. W. D. No. 200, L. A. Co. F. C. D. No. 5078.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
July 26.....	*58 0	Jan. 23.....	61 3	April 20.....	60.6
		May 8.....	*57 3		
1929—		Dec. 3.....	*60 2		
Jan. 6.....	*59 4				
Mar. 20.....	60 3				
June 21.....	58 8				
Nov. 17.....	*58.3				

* Measurement from Pasadena Water Department.

Measurements from Los Angeles County Flood Control District except as noted.

A-56-E-2, GEORGE E. PLATT. MAP 1

Log Available

Location and description—50 feet west of Woodlake Avenue, 0.3 miles south of Van Owen Street, southwest of Owensmouth.

Reference point—Hole in pump base, 1.1 feet above ground, to and including May 18, 1931, then slot in concrete plug in top of casing, 2.4 feet above ground.

Elevation of reference point—835 to and including May 18, 1931; then 836.3; from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—130 feet.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 3561.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Nov. 9.....	41 0	July 11.....	41 5	April 21.....	45 4
				May 18.....	45 2
				Nov. 25.....	45 6

Measurements from Los Angeles County Flood Control District.

A-56d-E-2, PLATT DAIRY. MAP 1

Location and description—600 feet north of Van Owen, about 6000 feet west of Berquist Avenue, west of Owensmouth. 300 feet west of dairy barns. 6-foot dug pit, concrete-lined.

Reference point—Top of 8" x 8", 0.3 feet above ground.

Elevation of reference point—879, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—55 feet.

Other numbers used—L. A. Co. F. C. D. No. 3540.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—					
April 21.....	28.0				
Nov. 25.....	28.7				

Measurements from Los Angeles County Flood Control District.

A-58-E-2, MR. MURRAY. MAP 1

Location and description—45 feet east of Fallbrook Avenue, 550 feet south of Van Owen Avenue, west of Owensmouth. Casing in pit.

Reference point—Top of 8" x 8" timber, at ground, to and including September 24, 1930; then top of 3/4-inch pipe, 0.2 feet above ground.

Elevation of reference point—818.2 to and including September 24, 1930; then, 818.4; from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—150 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. D. of W. & P. No. 137; U. S. G. S. No. C-1a; L. A. Co. F. C. D. No. 3570.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1928—		1930—	
Nov. 27.....	22.4	Jan. 25.....	21.4	Feb. 18.....	24.6
		June 26.....	22.4	May 13.....	24.8
1926—		Sept. 28.....	23.4	July 10.....	26.6
April 28.....	21.0	Nov. 28.....	24.6	Sept. 24.....	24.6
June 22.....	20.7			Dec. 28.....	25.0
Oct. 28.....	22.5	1929—			
Dec. 29.....	22.8	Jan. 23.....	23.8	1931—	
		Mar. 26.....	24.0	Feb. 16.....	24.0
1927—		July 11.....	^a 24.7	April 16.....	24.9
Mar. 31.....	19.4	Aug. 29.....	25.2	June 9.....	26.0
June 23.....	19.7	Dec. 2.....	24.9	Aug. 11.....	27.1
Oct. 25.....	21.4			Sept. 10.....	27.8
				Oct. 10.....	25.7
				Dec. 18.....	25.8

^a Measurement from Los Angeles County Flood Control District.

Measurements from Los Angeles Department of Water and Power except as noted.

A-58a-E-2, VICTOR GIRARD SMALL FARMS CORPORATION. MAP 1

Location and description—50 feet south of Victory Boulevard, 50 feet east of Fallbrook Avenue, southwest of Owensmouth.

Reference point—(a) Top of casing, 1.3 feet below ground (b) Slot, 8 feet below ground.

Elevation of reference point—(a) 828.7 (b) 822; from U. S. G. S. topog. by D. W. R.

Use—Not used.

Other numbers used—L. A. Co. F. C. D. No. 3571.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Mar. 25.....	^a 29.3	Jan. 6.....	^b 25.0	April 21.....	^b 26.2
		April 21.....	^b 24.6	Nov. 25.....	^a 34.1
		Dec. 2.....	^b 25.3		

^a Reference point (a) used.

^b Reference point (b) used.

Measurements from Los Angeles County Flood Control District.

A-58b-E-2, WORKMAN RANCH (W. H. PAULL). MAP 1

Location and description—1500 feet west of Shoup Avenue and 125 feet south of Van Owen Street west of Owensmouth.

Reference point—Top of northwest corner-post.

Elevation of reference point—810.2, from levels by L. A. D. of W. & P.

Use—Abandoned.

Depth of well—63.3 feet.

Diameter of casing—10 inches.

Other numbers used—U. S. G. S. No. C-1; L. A. D. of W. & P. No. 129; L. A. Co. F. C. D. No. 3580.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1924—		1925—	
Mar. 20.....	11	Jan. 6.....	14 0	Mar. 4.....	15 9
June 8.....	11 4	June 20.....	14 1	June 5.....	16 5
Aug. 28.....	12 2	Oct. 22.....	16 1	Sept. 30.....	19 0
Nov. 12.....	13 3	Dec. 30.....	15.8	Oct. 28.....	Destroyed
1923—					
Feb. 13.....	13				
Mar. 16.....	13 4				
June 1.....	13				
Oct. 17.....	13 4				
Dec. 19.....	13.7				

Measurements from Los Angeles Department of Water and Power.

A-58d-E-3, BRANT RANCH. MAP 1

Log Available

Location and description—0.25 miles south of Van Owen Street, 0.3 miles east of Topanga Canyon Road, in line of Owensmouth Avenue extended south, south of Owensmouth. In pump house.

Reference point—Base of pump at ground.

Elevation of reference point—798, from U. S. G. S. topog. by D. W. R.

Use—Irrigation and domestic.

Depth of well—246 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 3590.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930		1931—	
Mar. 25.....	10.7	Dec. 5.....	12 6	April 21.....	12 0
				May 18.....	12 1
				Dec. 7.....	13 5

Measurements from Los Angeles County Flood Control District.

A-60-E-3, BRANT RANCH NO. 3. MAP 1

Log Available

Location and description—0.2 miles south of Van Owen Street, 250 feet east of Canoga Avenue, 175 feet west of S. P. R. R., south of Owensmouth.

Reference point—Base of pump at ground.

Elevation of reference point—791, from U. S. G. S. topog. by D. W. R.

Use—Irrigation and domestic.

Depth of well—264 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 3600.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1930—		1931—	
Aug. 28.....	≈20 2	April 21.....	9 6	April 21.....	12 2
		Dec. 5.....	12 4	May 18.....	12 4
1929—				Dec. 7.....	13 8
Mar. 25.....	9.5				

* Measurement by owner.

Measurements from Los Angeles County Flood Control District.

A-60a-E-3, BRANT RANCH NO. 2. MAP 1

Log Available

Location and description—600 feet east of Canoga Avenue, 50 feet south of Topham Street, south of Owensmouth.

Reference point—Floor of pump house, 0.3 feet above ground.

Elevation of reference point—797, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation and domestic.

Depth of well—300 feet.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 3601.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1930—		1931—	
Oct. 30.....	*13.0	Jan. 6.....	12.0	April 21.....	12.3
		Dec. 5.....	12.7	May 18.....	12.5
1929—				Nov. 25.....	13.9
Mar. 25.....	10.5				
July 11.....	11.8				

* Measurement by owner.

Measurements from Los Angeles County Flood Control District.

A-62-E-3, B. VALLICEALLA. MAP 1

Log Available

Location and description—125 feet west of Corbin Avenue, 0.23 miles south of Sherman Way, east of Owensmouth.

Reference point—Top of casing, at ground.

Elevation of reference point—753, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—182 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 3630.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 8.....	7.6	Jan. 6.....	7.2	May 18.....	5.3
June 4.....	5.9	April 21.....	5.0	Dec. 7.....	7.7
July 10.....	7.1	Dec. 5.....	7.0		

Measurements from Los Angeles County Flood Control District.

A-62a-E-3, HUGO CARLSON. MAP 1

Location and description—25 feet east of Mason, 100 feet south of Van Owen Street, southwest of North Los Angeles.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—766.3, from levels by L. A. D. of W. & P.

Use—Domestic.

Depth of well—32.7 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. D. of W. & P. No. 127; U. S. G. S. No. C-3; L. A. Co. F. C. D. No. 3620.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1926—		1929—	
Mar. 23.....	4.4	Feb. 26.....	10.6	Jan. 23.....	6.1
June 8.....	5.8	April 28.....	7.3	Mar. 26.....	6.8
Aug. 28.....	8.3	June 22.....	8.2	May 31.....	7.1
Nov. 12.....	8.7	July 23.....	9.1	July 29.....	6.1
Dec. 22.....	8.1	Sept. 28.....	8.2	Aug. 29.....	7.3
		Dec. 29.....	8.3	Oct. 30.....	8.9
				Dec. 2.....	9.0
1923—		1927—		1930—	
Feb. 13.....	8.5	Jan. 27.....	7.8	Jan. 16.....	8.3
April 20.....	7.8	Feb. 24.....	3.7	Mar. 25.....	6.4
June 1.....	8.0	April 28.....	5.4	May 9.....	7.4
July 10.....	7.7	June 23.....	7.0	July 10.....	8.8
Oct. 17.....	10.0	Aug. 31.....	8.3	Sept. 24.....	10.2
Dec. 19.....	9.6	Nov. 23.....	8.5	Dec. 28.....	11.2
		Dec. 23.....	8.3		
1924—		1928—		1931—	
Jan. 25.....	9.3	Feb. 28.....	7.8	Jan. 22.....	10.7
June 20.....	8.9	April 2.....	5.3	Mar. 13.....	8.7
Sept. 5.....	10.7	June 26.....	7.3	May 14.....	8.8
Dec. 30.....	11.5	Oct. 24.....	8.4	July 11.....	10.4
		Nov. 28.....	7.8	Sept. 10.....	12.2
1925—				Nov. 13.....	12.9
Jan. 28.....	11.1			Dec. 18.....	12.0
April 22.....	10.1				
July 16.....	10.5				
Sept. 30.....	12.5				
Dec. 23.....	12.2				

Measurements from Los Angeles Department of Water and Power.

A-64-E-4, M. MADERIOS. MAP 1

Location and description—300 feet south of Van Owen Street, 125 feet west of Yolanda Avenue, Reseda.

Reference point—Top of casing 1.5 feet above ground.

Elevation of reference point—733, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 3650.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 8.....	11.5	Jan. 6.....	12.8	April 21.....	9.1
April 3.....	11.5	April 21.....	10.9	May 18.....	9.1
June 4.....	10.7	Dec. 5.....	10.9	Dec. 7.....	12.6
July 10.....	13.2				

Measurements from Los Angeles County Flood Control District.

A-66-E-4, G. E. SMITH. MAP 1

Location and description—West side of Reseda Boulevard, south of Victory Boulevard, Reseda.

Reference point—Top of casing, 0.2 feet above ground.

Elevation of reference point—730.9, from levels by L. A. D. of W. & P.

Use—Abandoned.

Depth of well—17.7 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. D. of W. & P. No. 124; U. S. G. S. No. C-5; L. A. Co. F. C. D. No. 3661A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1924—		1926—	
Mar. 24.....	8.1	Jan. 25.....	12.6	Jan. 27.....	17.3
June 6.....	9.2	June 20.....	13.4	April 28.....	15.3
Aug. 18.....	10.3	Sept. 5.....	14.6	June 22.....	15.7
Nov. 12.....	11.3	Nov. 21.....	14.9	Aug. 27.....	16.8
1923—		1925—		Oct. 28.....	17.2
Feb. 14.....	10.4	Jan. 28.....	14.7	Nov. 30.....	14.4
Mar. 16.....	10.3	April 22.....	15.0	Dec. 29.....	16.9
June 1.....	10.5	July 16.....	15.5	1927—	
Oct. 17.....	12.3	Sept. 30.....	16.9	Jan. 27.....	16.6
Dec. 19.....	12.4	Nov. 27.....	17.0	Feb. 24.....	14.0
				May 26.....	12.6
				July 27.....	14.8
				Aug. 31.....	14.4
				Oct. 25.....	15.0
				Nov. 23.....	14.8
				Dec. 23.....	Destroyed

Measurements from Los Angeles Department of Water and Power.

A-66a-E-4, WILLIAM HAMILTON. MAP 1

Location and description—0.2 miles north of S. P. R. R. (Chatsworth Line), 200 feet east of Reseda Avenue, south of Reseda.

Reference point— $\frac{1}{2}$ -inch plug in pump base, 0.2 feet above ground.

Elevation of reference point—738, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—124 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 3661.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 8.....	24.2	Jan. 6.....	22.2	May 18.....	22.4
		Dec. 5.....	19.7		

Measurements from Los Angeles County Flood Control District.

A-66b-E-4, F. W. WOOD. MAP 1

Location and description—175 feet south of Van Owen Street, 20 feet east of Lindley Avenue, south-east of Reseda.

Reference point—Slot on south side of pump base, 1.1 feet above ground.

Elevation of reference point—728, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—200 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 3670.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Nov. 3.....	11.4	April 16.....	13.3		
Dec. 25.....	14.5	May 18.....	12.6		
		Dec. 7.....	15.9		

Measurements from Los Angeles County Flood Control District.

A-68-E-4, ENCINO RANCHO. MAP 1

Location and description—200 feet south of S. P. R. R., 500 feet west of Balboa Avenue, north of Encino.

Reference point—Top of ties, 1 foot above ground.

Elevation of reference point—708.5, from levels by L. A. D. of W. & P.

Depth of well—33 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. D. of W. & P. No. 123; U. S. G. S. No. C-6; L. A. Co. F. C. D. No. 3691A

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1926—		1929—	
Mar. 24.....	8.8	Jan. 27.....	10.9	Jan. 23.....	11.0
April 27.....	9.2	April 28.....	9.5	Mar. 26.....	11.4
Aug. 28.....	8.8	June 22.....	10.1	May 31.....	11.8
Oct. 12.....	7.8	Aug. 27.....	10.8	July 29.....	12.1
Dec. 22.....	12.3	Oct. 28.....	10.3	Oct. 20.....	13.0
1923—		1927—		1930—	
Mar. 16.....	7.4	Jan. 27.....	10.4	Jan. 23.....	13.0
June 1.....	7.7	Mar. 21.....	8.6	May 6.....	12.1
July 10.....	7.2	May 26.....	8.8	July 10.....	12.8
Sept. 6.....	7.4	Aug. 31.....	9.3	Oct. 29.....	11.5
Dec. 19.....	7.3	Oct. 25.....	9.4		
		Dec. 23.....	9.3	1931—	
1924—		1928—		Jan. 20.....	12.5
Jan. 25.....	7.6	Feb. 28.....	9.5	Feb. 19.....	12.0
June 20.....	7.7	April 2.....	9.2	May 14.....	13.0
Sept. 5.....	8.7	June 26.....	9.6	Aug. 11.....	14.5
Nov. 21.....	9.0	Sept. 28.....	10.4	Oct. 16.....	13.9
1925—		Nov. 28.....	11.0	Nov. 13.....	14.4
Jan. 28.....	9.0			Dec. 7.....	14.5
Mar. 4.....	9.3				
June 5.....	9.5				
Aug. 28.....	10.3				
Sept. 30.....	10.9				
Dec. 23.....	10.8				

* Measurement from Los Angeles County Flood Control District.

Measurements from Los Angeles Department of Water and Power except as noted.

A-70-E-5, FRANK P. GHIGILA. MAP 1

Log Available

Location and description—40 feet south of Victory Boulevard, 900 feet west of Havenhurst Avenue, west of Van Nuys.

Reference point—Base of pump 0.5 feet above ground.

Elevation of reference point—720, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—383 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 3701.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
June 4.....	43.4	Jan. 8.....	41.5	April 16.....	41.6
July 10.....	40.7	Dec. 5.....	40.8	Dec. 7.....	45.3

Measurements from Los Angeles County Flood Control District.

A-71a-E-5, G. RIZZO. MAP 1

Location and description—55 feet north of Magnolia Boulevard, 0.20 miles east of Balboa Avenue, north of Encino.

Reference point—Slot on south side of pump, 0.5 feet above ground.

Elevation of reference point—723, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 3703.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931					
May 18.....	13.1				
Dec. 7.....	16.8				

Measurements from Los Angeles County Flood Control District.

A-72-E-5, FRANK CONKEY. MAP 1

Location and description—150 feet west of Haskell Avenue, 625 feet south of Van Owen Street, east of Van Nuys. Casing in garage.

Reference point—Top of casing 0.4 feet above ground.

Elevation of reference point—733, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—16 inches.

Other numbers used—L. A. D. of W. & P. No. 138; L. A. Co. F. C. D. No. 3720.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 9.....	58.7	Jan. 22.....	60.7	April 16.....	62.0
		April 21.....	60.1	May 18.....	61.6
1929—		Dec. 5.....	60.2	Dec. 7.....	62.4
Jan. 29.....	58.8				
April 3.....	59.3				
June 7.....	58.6				
July 12.....	59.8				

Measurements from Los Angeles County Flood Control District.

A-73-E-5, B. GLIEVER. MAP 1

Location and description—130 feet south of Burbank Boulevard, 300 feet east of Sepulveda Boulevard, southwest of Van Nuys.

Reference point—Top of casing at ground.

Elevation of reference point—690, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 3732.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface feet
1929—		1930—			
June 4.....	25.1	Jan. 22.....	26.2		
July 10.....	25.7	April 21.....	Scaled		

Measurements from Los Angeles County Flood Control District.

A-74-E-5, H. F. OWEN. MAP 1

Location and description—165 feet north of Van Owen Street, 110 feet west of Vesper Street, Van Nuys. Casing in garage.

Reference point—Top of casing, at ground.

Elevation of reference point—732.4, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—365 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. D. of W. & P. No. 52; U. S. G. S. No. SM-2; L. A. Co. F. C. D. No. 3740

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1924—		1929—	
July 21.....	^a 83.5	Jan. 25.....	60.2	Jan. 29.....	^b 81.5
Sept. 31.....	^a 73.0	June 20.....	60.2	April 3.....	^b 83.2
Dec. 1.....	^a 72.5	Sept. 5.....	60.6		
		Dec. 30.....	61.4	1930—	
1921—				April 23.....	^b 88.0
Jan. 3.....	^a 72.7	1925—		Dec. 5.....	^b 82.5
Mar. 30.....	^a 72.9	Mar. 4.....	61.8		
June 2.....	^a 73.1	June 5.....	62.7	1931—	
Aug. 9.....	^a 73.0	Aug. 28.....	63.8	Jan. 20.....	87.9
Oct. 7.....	^a 73.2	Oct. 28.....	64.6	Feb. 19.....	87.8
		Dec. 23.....	65.3	April 16.....	^b 88.8
1922—				May 20.....	^b 89.4
Mar. 23.....	70.5	1926—		June 11.....	88.2
June 8.....	68.5	Feb. 26.....	66.2	July 14.....	90.6
Aug. 28.....	67.0	April 28.....	66.7	Aug. 13.....	91.4
Dec. 22.....	64.9	July 23.....	67.4	Oct. 21.....	90.6
				Dec. 13.....	90.3
1923—		1928—			
Mar. 16.....	63.4	Nov. 9.....	^b 81.9		
June.....	62.3				
Sept. 6.....	61.1				
Nov. 20.....	61.4				

^a Measurement from United States Geological Survey.

^b Measurement from Los Angeles County Flood Control District.

Measurements from Los Angeles Department of Water and Power except as noted.

A-75-F-6, A. DITTMER. MAP 1

Location and description—200 feet east of Van Nuys Boulevard, 1700 feet south of Magnolia, south of Van Nuys.

Reference point—Bottom of pit 6.4 feet below top of concrete pit, to and including September 18, 1930, then, top of pipe, 1.7 feet above ground.

Elevation of reference point—653.9 to and including September 18, 1930; then 660.1; from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—27 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. D. of W. & P. No. 46; U. S. G. S. No. SM-4; L. A. Co. F. C. D. No. 3753.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1925—		1929—	
Aug. 24.....	9.8	Mar. 4.....	10.2	Jan. 23.....	11.4
Sept. 21.....	13.0	April 22.....	10.0	Feb. 26.....	11.1
Dec. 1.....	11.5	June 5.....	10.2	Mar. 26.....	10.8
		Aug. 28.....	11.7	May 31.....	11.2
1921—		Oct. 28.....	13.7	June 27.....	11.4
Jan. 3.....	12.0	Dec. 23.....	11.6	Aug. 29.....	12.2
Feb. 25.....	11.0			Oct. 30.....	12.7
June 2.....	9.3	1926—		Dec. 2.....	11.9
Sept. 7.....	11.0	Jan. 27.....	11.0		
Oct. 7.....	11.2	Feb. 26.....	8.3	1930—	
1922—		April 28.....	6.1	Jan. 8.....	12.0
Mar. 23.....	2.9	June 22.....	8.9	Feb. 18.....	11.3
April 27.....	6.0	Aug. 27.....	10.4	May 5.....	11.3
July 25.....	7.7	Oct. 27.....	11.0	June 5.....	11.8
Oct. 3.....	9.1	1927—		Aug. 11.....	12.2
Nov. 2.....	9.4	Jan. 27.....	10.1	Oct. 24.....	18.5
Dec. 22.....	8.5	Feb. 24.....	3.0	Dec. 23.....	18.7
1923—		April 28.....	7.7		
Mar. 16.....	8.7	June 23.....	8.8	1931—	
June 1.....	8.2	Aug. 31.....	10.6	Jan. 16.....	18.3
Sept. 6.....	9.5	Oct. 25.....	11.2	Feb. 14.....	14.2
Nov. 20.....	9.9	Dec. 23.....	10.8	Mar. 10.....	16.5
1924—		1928—		April 13.....	17.6
June 20.....	9.4	Feb. 28.....	10.4	June 8.....	18.1
Sept. 4.....	10.6	May 2.....	10.9	Aug. 4.....	19.1
Oct. 22.....	11.1	June 26.....	11.4	Nov. 9.....	20.0
Dec. 30.....	10.7	Aug. 29.....	12.1	Dec. 11.....	19.4
		Oct. 24.....	12.3		
		Dec. 26.....	11.5		

^a Measurement from United States Geological Survey.

Measurements from Los Angeles Department of Water and Power except as noted.

A-76-E-6, W. R. LEHMAN. MAP 1

Location and description—110 feet west of Woodman Avenue, 240 feet north of Victory Boulevard, Van Nuys.

Reference point—Base of pump, 0.8 feet above ground.

Elevation of reference point—706, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—270 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 3761A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 8.....	77.6	Jan. 16.....	71.8	April 22.....	78.7
1929—		April 21.....	73.6	May 20.....	79.7
Jan. 29.....	69.0	Dec. 6.....	78.2		
April 3.....	68.4				
June 5.....	68.8				

Measurements from Los Angeles County Flood Control District.

A-77-F-6, CAMPBELL & HANNA. MAP 1

Location and description—100 feet south of Magnolia Boulevard, 175 feet east of Woodman Avenue, southeast of Van Nuys. Casing in 8-foot pit.

Reference point—Top of pit, at ground.

Elevation of reference point—659.0, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—420 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. D. of W. & P. No. 45; L. A. Co. F. C. D. No. 3703.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 8.....	21.9	Jan. 16.....	24.0	Jan. 16.....	*25.7
		April 21.....	24.4	April 21.....	25.7
1929—		Dec. 5.....	22.0	May 20.....	25.7
Jan. 30.....	21.8			July 10.....	*25.1
April 2.....	21.9			Dec. 11.....	*26.2
June 4.....	22.3				
July 12.....	22.0				

* Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-77b-E-6, CIOCCA DAIRY. MAP 1

Location and description—600 feet west of Ethel Avenue, 1225 feet north of Burbank Boulevard, southeast of Van Nuys. Casing in 7-foot pit.

Reference point—Top of pit 1.1 feet above ground.

Elevation of reference point—681.3, from levels by L. A. D. of W. & P.

Use—Irrigation.

Depth of well—115 feet.

Diameter of casing—9 inches.

Other numbers used—L. A. D. of W. & P. No. 55; L. A. Co. F. C. D. No. 3772.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 8.....	44.8	Jan. 16.....	49.3	April 16.....	50.1
		April 23.....	50.3	May 20.....	51.8
1929—		Dec. 5.....	51.5	Dec. 10.....	54.5
Jan. 3.....	41.6				
April 2.....	45.6				
June 5.....	46.8				
July 12.....	47.9				

Measurements from Los Angeles County Flood Control District.

A-77c-F-6, J. P. DeMUTH. MAP 1

Location and description—120 feet west of Fulton Avenue, 225 feet south of Riverside Drive, southeast of Van Nuys.

Reference point—Top of casing 0.3 feet above ground.

Elevation of reference point—641.1, from levels by L. A. D. of W. & P.

Use—Domestic.

Depth of well—40 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. D. of W. & P. No. 43; L. A. Co. F. C. D. No. 3774.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 8.....	16.0	Jan. 16.....	18.1	April 21.....	18.7
		April 21.....	18.1	May 20.....	17.6
1929—		Dec. 5.....	19.8	Dec. 10.....	20.9
Jan. 30.....	16.4				
April 2.....	16.5				
June 4.....	16.6				
July 12.....	17.1				

Measurements from Los Angeles County Flood Control District.

A-78-E-6, F. P. NEWPORT. MAP 1

Location and description—0.3 miles north of Victory Boulevard, 245 feet east of Diaz Avenue, east of Van Nuys. Casing in barn.

Reference point—1-inch hole in pump base at ground.

Elevation of reference point—712.5, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—225 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. D. of W. & P. No. 53; L. A. Co. F. C. D. No. 3780.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Nov. 8.....	82.2	1930— Jan. 18..... April 23..... Dec. 6.....	90.4 86.3 86.1	1931— April 14.....	Sealed
1929— Jan. 29..... April 3..... June 5..... July 9.....	79.8 80.7 81.9 89.3				

^a Oil on water

Measurements from Los Angeles County Flood Control District

A-78d-E-6, JOHN KIRK. MAP 1

Location and description—125 feet north of Victory Boulevard, 0.15 miles east of Whitsett Avenue, east of Van Nuys. 3 feet west of sidewalk.

Reference point—Top of casing, 1.5 feet above ground, to and including April 3, 1929; then, top of casing at ground.

Elevation of reference point—700.6 to and including April 3, 1929; then, 699.1; from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—91 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. D. of W. & P. No. 60; L. A. Co. F. C. D. No. 3791.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Nov. 8.....	77.0	1929— Jan. 29..... April 3..... July 9.....	73.8 74.7 75.6	1931— April 15..... May 14..... Dec. 10.....	78.3 79.2 84.3

Measurements from Los Angeles County Flood Control District.

A-79-E-6, MR. PHILLIPS (FORMERLY C. W. SHONEMAN). MAP 1

Location and description—140 feet south of Oxnard Street, 75 feet west of Ethel Avenue, east of Van Nuys.

Reference point—Top of casing at ground.

Elevation of reference point—674.7, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—53 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. D. of W. & P. No. 54; L. A. Co. F. C. D. No. 3782.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Nov. 8.....	38.8	1929— Jan. 30..... April 2..... June 4.....	38.2 39.7 40.1 Destroyed		

Measurements from Los Angeles County Flood Control District.

A-80-E-6, P. BARILANI. MAP 1

Location and description—175 feet west of Laurel Canyon Boulevard, 0.15 miles north of Victory Boulevard, northwest of North Hollywood.

Reference point—Top of casing, at ground.

Elevation of reference point—696.5, from levels by L. A. D. of W. & P.

Use—Abandoned.

Depth of well—109 feet.

Diameter of casing—7 inches.

Other numbers used—L. A. D. of W. & P. No. 61; L. A. Co. F. C. D. No. 3801.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 8.....	74.5	Jan. 18.....	78.4	Jan. 19.....	*80.1
		April 26.....	78.8	May 14.....	81.0
1929—		Dec. 6.....	81.4	July 8.....	*79.7
Jan. 29.....	72.9			Sept. 3.....	*Dry
April 3.....	73.5			Dec. 10.....	*Dry
June 7.....	74.6				
July 9.....	75.6				

* Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-80c-E-7, CITY OF LOS ANGELES, NO. 9. MAP 1

Location and description—60 feet south of Van Owen Street, 175 feet west of Farmdale Avenue, Northwest of North Hollywood.

Reference point—Plug in north side of pump, 0.3 feet above ground.

Elevation of reference point—711, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation and domestic.

Other numbers used—U. S. G. S. No. SM-1a; L. A. Co. F. C. D. No. 3810.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1927—		1931—	
April 28.....	69.2	Jan. 27.....	65.9	May 5.....	*105.3
May 25.....	66.1	Oct. 25.....	68.8	Dec. 23.....	Sealed
July 23.....	70.6				
Sept. 28.....	70.9				
Oct. 28.....	66.8				
Dec. 29.....	65.6				

* Measurement from Los Angeles County Flood Control District.

Measurements from Los Angeles Department of Water and Power except as noted.

A-81d-E-6, L. BENSLEY. MAP 1

Location and description—125 feet south of Burbank Boulevard, 0.23 miles west of Laurel Canyon Boulevard, northwest of North Hollywood. Casing in shed.

Reference point—Top of casing 0.2 feet above ground.

Elevation of reference point—657, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—100 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. D. of W. & P. No. 185, North well; L. A. Co. F. C. D. No. 3802D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 8.....	40.5	Jan. 17.....	*44.7	April 16.....	44.7
		April 23.....	43.5	May 14.....	44.8
1929—		Dec. 6.....	44.9	Dec. 10.....	46.8
Jan. 30.....	40.7				
April 2.....	40.7				

* Old well 20 feet south is dry at 45.0.

Measurements from Los Angeles County Flood Control District.

A-81h-E-7, LANKERSHIM SAND & GRAVEL COMPANY. MAP 1

Location and description—40 feet west of Colfax Avenue, 0.2 miles north of Burbank Boulevard, 250 feet south of Hatteras Street, North Hollywood.

Reference point—Top of casing 0.8 feet above ground.

Elevation of reference point—658.6, from levels by L. A. D. of W. & P.

Use—Domestic.

Depth of well—68 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. D. of W. & P. No. 65; L. A. Co. F. C. D. No. 3812.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 8.	57.6	Jan. 17.	62.7	April 16.	65.7
		April 23.	64.7	May 20.	64.5
1929—		Dec. 6.	65.0	Sept. 4.	^a Dry
April 2.	58.5			Dec. 10.	^a Dry
June 5.	60.7				
July 8.	64.0				

^a Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-82-F-6, W. H. DAVIS. MAP 1

Location and description—40 feet south of Riverside Drive, 175 feet west of Laurel Canyon Boulevard, west of North Hollywood.

Reference point—Top of casing 0.5 feet above ground.

Elevation of reference point—633.9, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—50 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. D. of W. & P. No. 36; L. A. Co. F. C. D. No. 3804.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 7.	33.2	Jan. 17.	36.0	Jan. 16.	^a 37.5
		April 21.	36.8	April 21.	37.6
1929—		Dec. 6.	37.0	May 20.	37.7
Jan. 30.	32.8			Dec. 10.	38.6
April 2.	32.9				
June 4.	33.1				
July 9.	34.7				

^a Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-82b-F-7, DR. NEWTON ESTATE. MAP 1

Location and description—160 feet north of Chiquita Street, 0.1 miles east of Colfax Avenue, 0.4 miles south of Moor Park Avenue, southwest of Burbank.

Reference point—Top of casing, at ground.

Elevation of reference point—597, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 3815A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
April 29.	27.3	April 21.	28.5		
Sept. 20.	28.1	Dec. 10.	29.7		
Dec. 5.	28.6				

Measurements from Los Angeles County Flood Control District.

A-83-E-7, MR. NEWBERRY (FORMERLY MR. MACHUT). MAP 1

Location and description—325 feet north of Victory Boulevard, 0.35 miles west of Vineland Avenue, north of North Hollywood.

Reference point— $\frac{1}{2}$ -inch hole in casing cover, 0.7 feet above ground.

Elevation of reference point—686, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—115 feet.

Other numbers used—L. A. Co. F. C. D. No. 3821.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—			
Jan. 29.....	81.2	Jan. 18.....	84.8		
April 3.....	80.6	April 24.....	*64		
June 5.....	81.1				
July 9.....	82.1				

* Obstruction at this depth (no water).

Measurements from Los Angeles County Flood Control District.

A-84-E-7, HERMAN GRAF. MAP 1

Location and description—150 feet east of Cahuenga Boulevard, 0.2 miles north of Burbank Boulevard, North Hollywood.

Reference point—Top of casing 1.8 feet above ground.

Elevation of reference point—630.3, from levels by L. A. D. of W. & P.

Use—Domestic.

Depth of well—70 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. D. of W. & P. No. 68; L. A. Co. F. C. D. No. 3832.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 5.....	49.4	Jan. 18.....	51.7	Jan. 13.....	*54.3
		April 24.....	52.0	April 16.....	66.1
1929—		Dec. 6.....	64.8	May 19.....	54.1
Jan. 30.....	47.8			July 6.....	*54.4
April 8.....	48.0			Sept. 4.....	*56.8
June 5.....	48.2			Nov. 12.....	*58.5
July 8.....	49.6			Dec. 8.....	*58.8
				1932—	
				Jan. 5.....	*58.7

* Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-85-F-7, AUGUST MASCOTTI. MAP 1

Location and description—400 feet north of Los Angeles River Bridge and 50 feet west of Lankershim Boulevard, south of North Hollywood.

Reference point—Top of wooden casing, 2.6 feet above ground, to and including July 10, 1923; then, 4.6 feet above ground.

Elevation of reference point—571.0 to and including July 10, 1923, then 573.0; from levels by L. A. D. of W. & P.

Use—Abandoned.

Depth of well—65 feet.

Diameter of casing—6 inches.

Other numbers used—U. S. G. S. No. SM-6, L. A. D. of W. & P. No. 25; L. A. Co. F. C. D. No. 3835 A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1923—		1926—	
July 21.....	*30	Mar. 16.....	24.6	Jan. 21.....	24.7
Aug. 24.....	*25.3	June 1.....	25.4	Feb. 25.....	24.3
Sept. 21.....	*25.0	July 10.....	26.0	May 27.....	23.7
Dec. 1.....	*29.0			July 22.....	25.0
1921—		1924—		Sept. 23.....	24.4
Jan. 29.....	23.7	Nov. 19.....	24.3	Oct. 26.....	24.2
Mar. 30.....	24.7	1925—		Dec. 16.....	24.1
June 1.....	24.1	May 8.....	24.3	1927—	
Aug. 9.....	26.3	July 23.....	24.2	Feb. 3.....	24.1
Oct. 7.....	25.0	Sept. 18.....	24.9	April 7.....	25.7
1922—		Nov. 20.....	24.8	Aug. 4.....	25.7
Mar. 29.....	24.8			Dec. 7.....	26.0
Oct. 2.....	24.8			1928—	
				Jan. 5.....	Destroyed

* Measurement from United States Geological Survey.

Measurements from Los Angeles Department of Water and Power except as noted.

A-85c-F-7, WELL IN STREET (FORMERLY MATTHEWS). MAP 1

Location and description—Between curb and sidewalk, 45 feet southeast of intersection of center line of Elmer and Rye Streets, 215 feet north of Moorpark Avenue, North Hollywood.

Reference point—Top of casing, 2.5 feet above curb, which is 4.5 feet below original ground, to and including April 2, 1929; then top of casing at sidewalk level.

Elevation of reference point—590 to and including April 2, 1929; then 587.5; from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—160 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. D. of W. & P. No. 28; L. A. Co. F. C. D. No. 3824A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 7.....	6.2	Jan. 17.....	7.3	May 14.....	7.7
1929—		Dec. 5.....	7.9	Dec. 10.....	10.2
Jan. 30.....	5.8				
April 2.....	5.9				
June 4.....	3.8				
July 8.....	4.3				

Measurements from Los Angeles County Flood Control District.

A-85d-F-7, C. W. McCLOUD (FORMERLY J. T. BARRETT). MAP 1

Location and description—90 feet east of Tujunga Avenue, 100 feet north of Valley Spring Lane, south of North Hollywood.

Reference point—Top of casing 1.4 feet above ground.

Elevation of reference point—592, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 3825.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 7.....	25.7	Jan. 17.....	26.8	May 14.....	27.9
		April 23.....	26.5	Dec. 10.....	31.1
1929—		Dec. 5.....	26.8		
Jan. 30.....	25.2				
April 2.....	25.3				
June 4.....	26.3				
July 8.....	25.9				

Measurements from Los Angeles County Flood Control District.

A-85e-F-7, HENRY BAKMAN. MAP 1

Location and description—125 feet east of Cahuenga Avenue, 300 feet south of Riverside Drive, North Hollywood.

Reference point—Top of casing, 0.7 feet above ground, to and including April 23, 1930; then plug in cap, at ground.

Elevation of reference point—576.8 to and including April 23, 1930; then, 576.1; from levels by L. A. D. of W. & P.

Use—Not used.

Diameter of casing—8 inches.

Other numbers used—L. A. D. of W. & P. No. 24; L. A. Co. F. C. D. No. 3834.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 7.....	24.4	Jan. 16.....	25.5	Feb. 3.....	*26.3
		April 23.....	26.0	May 19.....	26.6
1929—		Dec. 6.....	25.8	Dec. 10.....	29.8
Jan. 30.....	23.3				
April 2.....	23.8				
June 4.....	24.4				
July 8.....	24.8				

* Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-85f-F-7, F. B. BAKMAN. MAP 1

Location and description—115 feet east of Cahuenga Boulevard, 175 feet north of Third Street (Verdugo Boulevard), North Hollywood.

Reference point—Top of casing, 2.4 feet above ground.

Elevation of reference point—592.3, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—36 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. D. of W. & P. No. 23; L. A. Co. F. C. D. No. 3834A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 7.....	27.4	Jan. 16.....	29.0	Jan. 7.....	*32.0
		April 23.....	29.8	May 19.....	31.0
1929—		May 29.....	*30.5	July 3.....	*32.5
Jan. 30.....	27.5	Dec. 19.....	*31.9	Sept. 4.....	*33.1
April 2.....	27.7			Nov. 3.....	*34.0
July 8.....	28.6			Dec. 2.....	*33.9
				1932—	
				Jan. 4.....	*34.2

* Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-86-E-7, MR. HOFF (FORMERLY R. J. MORRELL). MAP 1

Location and description—25 feet south of Victory Boulevard, 25 feet east of Maple Street, 0.25 miles west of Hollywood Way, Burbank. Casing in 65-foot pit.

Reference point—Top of pit 1.5 feet above ground.

Elevation of reference point—652.3, from levels by L. A. D. of W. & P.

Use—Irrigation.

Depth of well—63 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 75; L. A. Co. F. C. D. No. 3841.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 3.....	65.8	Jan. 23.....	69.7	Jan. 13.....	^a 71.9
		April 24.....	69.9	April 22.....	^b 72.0
1929—		Nov. 26.....	72.1	May 13.....	^b 71.7
Jan. 30.....	65.5			Nov. 5.....	^b 77.3
June 7.....	66.4			Dec. 7.....	^a 76.1
				1932—	
				Jan. 5.....	^a 76.0

^a Measurement from Los Angeles Department of Water and Power.

^b Measurement by Burbank Water Department.

Measurements from Los Angeles County Flood Control District except as noted.

A-86f-E-7, SAMUEL JENKINS. MAP 1

Location and description—0.1 miles east of Hollywood Way, 150 feet south of Winona Avenue, Burbank.

Reference point—Base of pump 1.2 feet above ground.

Elevation of reference point—689.6, from levels by L. A. D. of W. & P.

Use—Domestic.

Depth of well—110 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 86; L. A. Co. F. C. D. No. 3850.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—Cont.	
Oct. 30.....	99.7	Dec. 6.....	196.1	Sept. 4.....	108.6
1929—		1931—		Oct. 2.....	111.3
Jan. 30.....	99.8	April 14.....	105.9	Oct. 30.....	110.2
June 10.....	100.7	May 28.....	108.4	Nov. 13.....	111.3
July 10.....	101.1	July 2.....	106.4	Dec. 4.....	110.0

Measurements from Los Angeles County Flood Control District.

A-87-E-7, CITY OF BURBANK, NO. 5. MAP 1

Location and description—200 feet south of Chatsworth Branch of S. P. R. R., 100 feet east of Rose Street, Burbank.

Reference point—Top of pit, at ground.

Elevation of reference point—590, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Municipal.

Other numbers used—L. A. Co. F. C. D. No. 3843.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
July 11.....	31.5	Jan. 8.....	33.8	Feb. 25.....	36.7
		April 16.....	34.2	April 22.....	37.0
		Nov. 18.....	35.9	May 13.....	36.8
				July 29.....	37.3
				Nov. 4.....	39.7
				Dec. 2.....	40.7

Measurements from Los Angeles County Flood Control District.

A-87c-E-7, MRS. M. ROONEY. MAP 1

Location and description—80 feet east of Hollywood Way, 0.15 miles north of Magnolia Boulevard, Burbank.

Reference point—Top of casing 0.3 feet above ground.

Elevation of reference point—592.7, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—60 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. D. of W. & P. No. 15; L. A. Co. F. C. D. No. 3853.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 6.....	29.8	Jan. 16.....	32.9	Jan. 12.....	*35.1
		April 24.....	33.2	April 13.....	35.4
1929—		Nov. 26.....	36.5	May 11.....	35.9
April 3.....	30.2			Nov. 4.....	*37.7
June 5.....	31.1			Dec. 7.....	*38.1
July 9.....	30.7			1932—	
				Jan. 4.....	*38.5

* Measurement from Los Angeles Department of Water and Power.

b Measurement by Burbank Water Department.

Measurements from Los Angeles County Flood Control District except as noted.

A-88-F-8, F. G. LOCKE. MAP 1

Log Available

Location and description—40 feet west of Hollywood Way, 50 feet south of Rowland Avenue, Burbank.

Reference point—Top of casing 1.5 feet above ground.

Elevation of reference point—547.7, from levels by L. A. D. of W. & P.

Use—Domestic.

Depth of well—51 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. D. of W. & P. No. 19; L. A. Co. F. C. D. No. 3855.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 6.....	20.7	Jan. 16.....	21.8	Jan. 7.....	b23.5
		April 1.....	22.7	Feb. 25.....	21.8
1929—		April 29.....	22.6	April 1.....	22.4
April 2.....	20.8	Nov. 26.....	*23.0	May 13.....	23.0
June 4.....	21.8			Nov. 4.....	24.1
July 8.....	23.0			Dec. 3.....	b23.3
				1932—	
				Jan. 4.....	b22.8

* Measurement by Burbank Water Department.

b Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-88b-F-7, CITY OF LOS ANGELES. MAP 1

Location and description—75 feet south of Verdugo Avenue, 0.35 miles west of Hollywood Way, Burbank.

Reference point—Chalk mark, top of well curbing on west side of well at ground.

Elevation of reference point—563.3, from levels by Burbank Water Department.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 292; L. A. Co. F. C. D. No. 3854.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
April 29.....	16.1	Feb. 17.....	17.2		
Nov. 26.....	17.7	May 11.....	17.5		
		Nov. 4.....	19.3		
		Dec. 2.....	19.3		

Measurements from Los Angeles County Flood Control District.

A-89-E-8, E. D. MILLARD. MAP 1

Location and description—500 feet north of Empire Avenue and west of Scott Road, Burbank.

Reference Point—Top of casing, 1.6 feet above ground.

Elevation of reference point—617.4, from levels by L. A. D. of W. & P.

Use—Abandoned.

Depth of well—68 feet.

Diameter of casing—8 inches.

Other numbers used—U. S. G. S. No. SM-4; L. A. D. of W. & P. No. 97; L. A. Co. F. C. D. No. 3870A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1923—		1926—	
July 21.....	^a 46.0	April 20.....	36.6	Feb. 4.....	44.6
Sept. 21.....	^a 43.0	July 10.....	36.4	Mar. 24.....	45.0
Nov. 23.....	^a 44.3	Oct. 17.....	36.7	May 25.....	45.1
		Dec. 19.....	36.4	Aug. 27.....	46.0
1921—				Oct. 27.....	46.4
Jan. 29.....	45.3	1924—		Dec. 29.....	46.6
Mar. 30.....	44.9	June 20.....	37.1		
April 18.....	46.2	Sept. 3.....	38.2	1927—	
June 2.....	45.4	Nov. 18.....	38.7	Jan. 27.....	46.6
Aug. 9.....	46.3			Mar. 31.....	45.9
Oct. 7.....	46.8	1925—		May 28.....	45.7
1922—		Jan. 6.....	39.0	Oct. 25.....	Destroyed
Mar. 27.....	45.0	Mar. 10.....	39.5		
Sept. 28.....	41.4	June 5.....	40.2		
Nov. 10.....	40.2	Aug. 28.....	42.3		
		Oct. 28.....	43.2		
		Dec. 23.....	44.0		

^a Measurement from United States Geological Survey.

Measurements from Los Angeles Department of Water and Power except as noted.

A-89b-E-8, LOCKHEED AIRCRAFT, INC. (FORMERLY MR. SHELTON). MAP 1

Location and description—150 feet south of Empire Avenue, 0.15 miles west of San Fernando Boulevard, Burbank.

Reference Point—Base of pump 2.0 feet above ground.

Elevation of reference point—627.7, from levels by L. A. D. of W. & P.

Use—Domestic.

Depth of well—80 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 3860A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Jan. 30.....	54.7	Jan. 15.....	^b 60.2	Jan. 5.....	^b 63.7
April 8.....	54.1	April 14.....	60.4		
June 10.....	54.7	May 11.....	60.5		
1930—		Nov. 4.....	^c 63.4		
April 24.....	^a 57.9	Dec. 7.....	^b 63.9		
Nov. 24.....	60.3				

^a Tenant says well is dry during winter.

^b Measurement from Los Angeles Department of Water and Power.

^c Measurement by Burbank Water Department.

Measurements from Los Angeles County Flood Control District except as noted.

A-89d-E-8, J. J. JEFFRIES. MAP 1

Location and description—40 feet south of Victory Boulevard, 100 feet west of Buena Vista Avenue, Burbank. 8' x 10' dug shaft.

Reference point—Top of pit at ground.

Elevation of reference point—620.7, from levels by L. A. D. of W. & P.

Use—Domestic.

Depth of well—62 feet.

Other numbers used—L. A. D. of W. & P. No. 83; L. A. Co. F. C. D. No. 3861.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900-----	*35	1930—		1931—	
		Jan. 18-----	50.7	Feb. 25-----	b52.8
1928—		April 23-----	50.4	April 1-----	b52.8
Nov. 3-----	46.9	Nov. 29-----	52.9	April 22-----	b53.0
1929—				May 13-----	b52.9
Jan. 30-----	46.9			Nov. 4-----	b56.7
June 7-----	47.5			Dec. 7-----	c56.4
July 9-----	48.0			1932—	
				Jan. 4-----	c56.2

* When drilled.

b Measurement by Burbank Water Department.

c Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

A-90-E-8, PETER DE SANTIS. MAP 1

Location and description—30 feet northeast of Lamer Street, 80 feet northwest of Magnolia Drive, Burbank.

Reference point—Top of concrete pedestal, 0.5 feet above ground.

Elevation of reference point—570, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—65 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 3872.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 3-----	19.8	Jan. 16-----	22.3	Feb. 25-----	*23.8
		April 24-----	22.6	May 13-----	*24.4
1929—		Dec. 3-----	*24.3	Nov. 4-----	*26.4
April 3-----	19.2			Dec. 2-----	*26.5
June 5-----	19.8				
July 8-----	20.3				

* Measurement by Burbank Water Department.

Measurements from Los Angeles County Flood Control District.

A-91-F-8, J. T. COMBER. MAP 1

Location and description—50 feet east of Avon Avenue, 125 feet south of Olive Avenue, Burbank.

Reference point—Top of casing in cement floor at ground.

Elevation of reference point—342.8, from levels by L. A. D. of W. & P.

Use—Not used.

Depth of well—65 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. D. of W. & P. No. 13; L. A. Co. F. C. D. No. 3864.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1931—		1932—	
Nov. 6	22.9	Feb. 23	24.0	Jan. 6	25.7
1929—		Mar. 24	24.0		
April 2	23.4	April 6	26.1		
June 4	23.6	May 20	25.3		
July 8	24.4	Aug. 21	26.6		
1930—		Sept. 11	26.7		
Jan. 16	24.2	Sept. 26	26.4		
April 22	24.8	Oct. 30	26.8		
Sept. 20	25.6	Nov. 20	27.3		
Nov. 26	26.0	Dec. 5	26.5		

Measurements from Los Angeles County Flood Control District.

A-93-E-8, CITY OF BURBANK, NO. 1. MAP 1

Location and description—45 feet west and 93 feet south of corner of Lake Street and Magnolia Boulevard, Burbank.

Reference point—Top of pit at floor level.

Elevation of reference point—360.6, from levels by Burbank Water Department.

Use—Municipal.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 3882B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1930—		1931—	
Dec. 15	30.0	Jan. 4	33.0	Feb. 1	33.9
1927—		Jan. 25	31.9	Feb. 21	33.1
April 4	28.5	April 19	32.3	Mar. 8	34.2
Sept. 22	30.6	Nov. 15	35.3	Mar. 29	36.8
1929—				April 11	35.8
April 6	27.0			May 2	34.3
May 4	29.0			Oct. 31	37.4
June 8	30.5				
Oct. 8	32.9				

Measurements made by Burbank Water Department and received from Los Angeles County Flood Control District.

A-93g-F-8, J. S. HARRIS. MAP 1

Location and description—15 feet east of Mariposa Avenue, 700 feet north of Alameda Avenue, Burbank.

Reference point—Top of wooden cover over pit 1.2 feet above ground.

Elevation of reference point—526.7, from levels by L. A. D. of W. & P.

Use—Irrigation.

Depth of well—90 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. D. of W. & P. No. 6; L. A. Co. F. C. D. No. 3883.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 6.....	27.6	Jan. 23.....	27.9	Mar. 4.....	27.7
		April 24.....	*29.0	April 1.....	28.8
1929—		Dec. 3.....	30.7	May 13.....	30.2
April 2.....	25.2			July 29.....	*33.7
June 4.....	27.2			Nov. 4.....	*33.1

^a Pump recently shut down.

^b Two hours pumping exhausts supply of well at this time.

^c Measurement by Burbank Water Department.

Measurements from Los Angeles County Flood Control District.

A-93 1-E-8, F. W. CARLSON. MAP 1

Location and description—30 feet southeast of Alameda Avenue, 275 feet northeast of Chavez Street, Burbank. Casing in 21-foot pit.

Reference point—Top of pit cover 1.2 feet above ground.

Elevation of reference point—506.0 from levels by L. A. D. of W. & P.

Use—Domestic.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 3893B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 7.....	30.9	Jan. 16.....	37.0	Mar. 4.....	*30.0
		April 22.....	21.1	April 1.....	*33.4
1929—		Nov. 26.....	*35.5	April 16.....	*35.9
April 2.....	28.4			May 13.....	*35.2
June 5.....	28.8			July 29.....	*40.6
July 8.....	30.8			Nov. 4.....	*38.8

^a Measurement by Burbank Water Department.

Measurements from Los Angeles County Flood Control District.

A-95-E-8, GRAND CENTRAL AIR TERMINAL, MAP 1

Location and description—660 feet southwest of S. P. R. R., 125 feet southeast of Western Avenue, Glendale.

Reference point—Slot in cover over casing, 0.1 feet below ground.

Elevation of reference point—488, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 3903.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
April 16.....	30.9	April 16.....	36.1		
April 22.....	31.0				
Nov. 25.....	37.0				

Measurements from Los Angeles County Flood Control District.

A-97a-F-9, CITY OF LOS ANGELES. MAP 1

Location and description—215 feet north of Chevy Chase Drive, 685 feet west of Edcnhurst Avenue, Glendale.

Reference point—Top of casing 2 feet above average ground.

Elevation of reference point—410, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 3926B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—					
Mar. 2.....	9.1				
Nov. 24.....	20.4				

Measurements from Los Angeles County Flood Control District.

A-98-E-10, CITY OF GLENDALE, NO. 4. MAP 1

Log Available

Location and description—340 feet east, 150 feet south of Ramona Avenue and Hermosita Drive, Glendale.

Reference point—Top of casing at floor.

Elevation of reference point—964.7, from levels by City of Glendale.

Use—Municipal.

Depth of well—189 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 3961.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—					
May 2.....	*60.7				
May 16.....	63.7				
Dec. 19.....	70.2				

* Draw down 18.5 feet.

Measurements from Los Angeles County Flood Control District.

A-98a-F-10, MR. THOM. MAP 1

Location and description—190 feet east of concrete-lined channel of Verdugo Wash, 70 feet west of Glendale Avenue, 0.15 miles southwest of junction with Verdugo Road.

Reference point—Top of casing 1.5 feet below ground.

Elevation of reference point—672, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 3963.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
April 28.....	37.0	April 12.....	48.0		
Nov. 25.....	49.2	May 11.....	35.7		
		Dec. 31.....	40.4		

Measurements from Los Angeles County Flood Control District.

A-99-G-10, CITY OF LOS ANGELES. MAP 2

Location and description—218 feet north, 135 feet east of northwest corner of West Pier of large span of Dayton Avenue Bridge over Los Angeles River, Los Angeles.

Reference point—Top of cap of 2-inch pipe, 2.5 feet above ground.

Elevation of reference point—307.2, from levels by L. A. Co. F. C. D.

Use—Ground water tests.

Diameter of casing—2 inches.

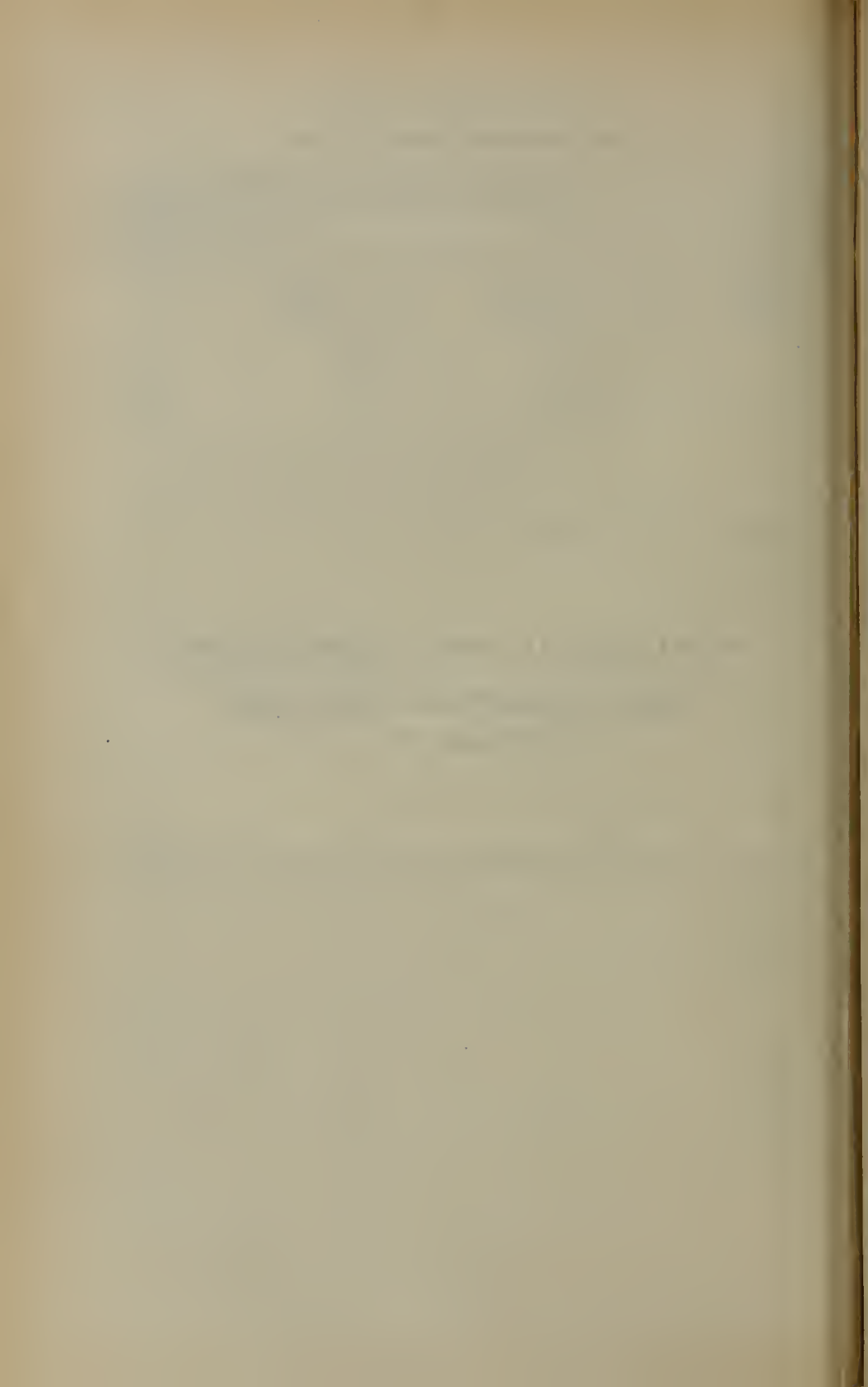
Other numbers used—L. A. Co. F. C. D. No. 2771B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—			
Dec. 23	9.5	April 13	4.0		
		May 11	4.0		
1930—		Nov. 24	5.5		
April 2	7.9				
Nov. 25	6.0				

Measurements from Los Angeles County Flood Control District.

SOUTH COASTAL BASIN INVESTIGATION

Records of Ground Water Levels at Wells
in District "B"



B-1a-H-5, UNITED STATES GOVERNMENT SOLDIERS HOME, NO. 11. MAP 2

Location and description—125 feet west of Sepulveda Avenue, 0.25 miles north of Wilshire Blvd., Sawtelle.

Reference point—Top of casing cover, 3 feet above ground.

Elevation of reference point—346, from aneroid by D. W. R.

Use—Domestic and irrigation.

Depth of well—300 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2544.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 9	96.7	Jan. 21	97.4	Feb. 3	96.0
April 29	95.8	May 6	98	Mar. 25	92.3
July 10	97.4	Dec. 4	91.3	April 22	97.0
				May 13	92.6

Measurements from Los Angeles County Flood Control District.

B-2-H-5, C. M. JENKINS. MAP 2

Location and description—60 feet east of 26th Street, 20 feet south of Broadway, Santa Monica.

Reference point—Top of casing, at ground.

Elevation of reference point—156, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—100 feet.

Diameter of casing—6 inches.

Other numbers used—S. M. W. D. No. 67; L. A. Co. F. C. D. No. 2526.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 7	65.4	Jan. 22	65.7	April 20	66.5
April 29	62.8	April 29	66.5	May 8	66.7
June 17	66.0	Dec. 31	68.0		
July 10	66.3				

Measurements from Los Angeles County Flood Control District.

B-2a-1-5, GOLDEN STATE NURSERY. MAP 2

Location and description—150 feet north of Santa Monica Blvd., 100 feet west of 21st Street extended, Santa Monica.

Reference point—Top of casing, at ground.

Elevation of reference point—154, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—not used.

Depth of well—150 feet.

Diameter of casing—12 inches.

Other numbers used—S. M. W. D. No. 64; L. A. Co. F. C. D. No. 2527.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 7	127.0	April 29	122.5	April 20	124.3
April 29	121.4	Dec. 31	123.5	May 8	124.6
June 17	122.7				
July 10	121.7				

Measurements from Los Angeles County Flood Control District.

B-3-I-5, M. BELTZHOVER. MAP 2

Location and description—10 feet north of Kensington Street and 10 feet west of Beverly Avenue, Santa Monica.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—114, from aneroid by D. W. R.

Use—Not used.

Depth of well—142 feet.

Diameter of casing—8 inches.

Other numbers used—S. M. W. D. No. 56; L. A. Co. F. C. D. No. 2519.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Oct. 24.....	103.4	1930— Jan. 22.....	104.5	1931— April 17.....	103.2
1929— Jan. 4.....	103.4	April 29.....	103.5	1932— Jan. 11.....	103.6
April 29.....	104.5	Dec. 7.....	113.0		
July 10.....	103.4				

Measurements from Los Angeles County Flood Control District.

B-4-H-5, CITY OF SANTA MONICA, ARCADIA No. 3. MAP 2

Location and description—25 feet north of Texas Street, 150 feet east of Bundy Drive, Sawtelle.

Reference point—Bottom of pit, 2.0 feet below concrete floor.

Elevation of reference point—231, from U. S. G. S. topog. by D. W. R.

Use—Municipal stand-by.

Depth of well—300 feet.

Other numbers used—L. A. Co. F. C. D. No. 2535.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Jan. 9.....	36.4	1930— Jan. 22.....	20.4	1931— April 20.....	25.8
April 29.....	15.9	April 29.....	30.0	1932— Jan. 11.....	20.4
June 17.....	28.5	Dec. 30.....	17.0		
July 10.....	34.0				

* Pumping 500 feet away.

Measurements from Los Angeles County Flood Control District.

B-4a-H-5, J. L. EDMONDS. MAP 2

Location and description—60 feet south of Nebraska Avenue, 125 feet west of Westgate Avenue, Sawtelle.

Reference point—Top of cement cap, at ground.

Elevation of reference point—175, from aneroid by D. W. R.

Use—Not used.

Depth of well—150 feet.

Diameter of casing—8 inches.

Other numbers used—S. M. W. D. No. 147; L. A. Co. F. C. D. No. 2546.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Oct. 25.....	70.0	1930— Jan. 21.....	74.3	1931— April 20.....	74.6
1929— Jan. 4.....	69.0	May 6.....	75.0	May 8.....	80.0
June 17.....	71.6	Dec. 30.....	75.5		

Measurements from Los Angeles County Flood Control District.

B-5-I-5, SOUTHERN CALIFORNIA EDISON COMPANY, LTD. MAP 2

Log Available.

Location and description—100 feet north of Marine and 50 feet west of 16th Street, Santa Monica.

Reference point—Top of casing, at ground.

Elevation of reference point—35, from aneroid by D. W. R.

Use—Ground for electrical wires.

Depth of well—140 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2539.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Dec. 26.....	48.2	1931— April 17..... May 7.....	48.9 48.2	1932— Jan. 23.....	20.1
1930— April 29..... Dec. 31.....	38.5 41.5				

Measurements from Los Angeles County Flood Control District.

B-5c-I-5, MR. IVES. MAP 2

Location and description—240 feet southwest of Penmar Avenue, 140 feet northwest of Lake Street, 0.38 miles northeast of Lincoln Boulevard, Venice.

Reference point—Base of pump, at ground.

Elevation of reference point—28, from aneroid by D. W. R.

Use—Irrigation.

Depth of well—150 feet.

Diameter of casing—8 inches.

Other numbers used—S. M. W. D. No. 26; L. A. Co. F. C. D. No. 2549.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Oct. 24.....	44.1	1930— Dec. 31.....	^a 37.0	1932— Jan. 23.....	^a 39.5
1929— Jan. 4..... April 29..... June 17..... July 10..... Dec. 31.....	43.2 41.8 42.0 41.7 37.0	1931— April 17.....	^a 40.5		

^a Measurement from owner.

Measurements from Los Angeles County Flood Control District except as noted.

B-6-G-6, HAROLD LLOYD. MAP 2

Location and description—120 feet southwest of Benedict Canyon Drive, 100 feet east of Beverly Hills city boundary, northwest of Beverly Hills. 4-foot dug shaft.

Reference point—Top of concrete well curb 3 feet below ground.

Elevation of reference point—550, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—96 feet.

Other numbers used—L. A. Co. F. C. D. No. 2571.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Feb. 4..... April 28.....	36 49	1931— Jan. 17..... April 18..... May 8.....	36.0 40.0 37.7	1932— Jan. 12.....	42

Measurements from Los Angeles County Flood Control District.

B-6c-H-6, BEVERLY HILLS NURSERIES. MAP 2

Location and description—450 feet west of the intersection of Wilshire and Santa Monica Boulevards, 40 feet south of Wilshire, Beverly Hills.

Reference point—Base of pump, at ground.

Elevation of reference point—274, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation and domestic.

Other numbers used—L. A. Co. F. C. D. No. 2583.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Jan. 3	57.5	April 18	61.0	Jan. 12	57.9
April 28	57.8	May 8	50.0		
Dec. 30	55.0				

Measurements from Los Angeles County Flood Control District.

B-6d-H-6, HILLCREST COUNTRY CLUB. MAP 2

Location and description—0.22 miles southwest of Beverly Drive and 900 feet south of Pico Boulevard, 100 feet west of east property line, 150 feet south of north property line of Hillcrest Country Club, south of Beverly Hills.

Reference point—Top of casing cap casing 5 feet below ground.

Elevation of reference point—190, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—720 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2594.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1932—			
Feb. 6	99.7	Jan. 12	99.5		
April 28	100.0				
Dec. 7	100.5				

Measurements from Los Angeles County Flood Control District.

B-7-H-6, M. G. LE PAGE. MAP 2

Location and description—30 feet east of Pontius Avenue, 50 feet north of Missouri Avenue, Sawtelle, 25 feet east of No. B-7a-H-6.

Reference point—Top of casing, at ground.

Elevation of reference point—233, from aneroid by D. W. R.

Use—Not used.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 2555.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 9	78.5	Jan. 21	81.4	April 17	88.0
April 29	80.1	May 6	115.0	Dec. 19	89.3
June 17	83.2	Dec. 31	78.0		
July 10	82.0				

Measurements from Los Angeles County Flood Control District.

B-7c-H-6, E. D. GILL. MAP 2

Location and description—125 feet east of Sawtelle Boulevard, 135 feet south of P. E. Ry. at Home Junction, east of Santa Monica.

Reference point—Top of casing 0.3 feet above ground.

Elevation of reference point—164, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 2566

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
June 17.....	151.0	Jan. 22.....	153.7	April 17.....	Destroyed
July 10.....	151.5	May 6.....	157.8		
Nov. 25.....	153.6	Dec. 7.....	153.7		

Measurements from Los Angeles County Flood Control District.

B-7d-I-6, L. R. STEPHENS. MAP 2

Log Available.

Location and description—200 feet west of Sawtelle Boulevard, 30 feet south of National Boulevard, east of Santa Monica.

Reference point—Base of pump, 1 foot above ground.

Elevation of reference point—123.5, from levels by S. M. W. D.

Use—Irrigation.

Depth of well—371 feet.

Diameter of casing—8 inches.

Other numbers used—S. M. W. D. No. 121; L. A. Co. F. C. D. No. 2567.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 25.....	161.1	Jan. 22.....	111.5	April 17.....	136.7
		May 6.....	129.8		
1929—		Dec. 7.....	124.7	1932—	
Jan. 4.....	119.3			Jan. 22.....	140.2

Measurements from Los Angeles County Flood Control District.

B-8-I-6, J. N. SPROUSE. MAP 2

Location and description—35 feet west of Beethoven Avenue, 65 feet north of Venice Boulevard, Venice. Casing in open.

Reference point—Top of casing at ground.

Elevation of reference point—42, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Abandoned.

Diameter of casing—26 inches.

Other numbers used—L. A. Co. F. C. D. No. 2559.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 25.....	58.7	Jan. 22.....	56.2	April 17.....	Destroyed
		April 29.....	58.3		
1929—		Dec. 7.....	55.8		
Jan. 4.....	57.4				
April 29.....	56.2				
July 10.....	56.6				

Measurements from Los Angeles County Flood Control District.

**B-9a-I-6, AMERICAN STATES WATER SERVICE COMPANY, PLANT NO. 1, WELL NO. 3.
(FORMERLY PEOPLES WATER COMPANY) MAP 2**

Log Available

Location and description—20 feet southwest of Manning Avenue, 175 feet southeast of Woodbine Street, Palms.

Reference point—Top of sounding pipe on south side of pump, 1 foot above ground.

Elevation of reference point—180, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—263 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 2596.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Mar. 1.....	115.7	April 17.....	122.5		
May 6.....	121.9	May 7.....	115.5		
Dec. 7.....	115.3				

Measurements from Los Angeles County Flood Control District.

B-9d-I-6, E. P. BOJORQUEZ. MAP 2

Location and description—75 feet west of Overland Boulevard, 500 feet north of Venice Boulevard, Palms.

Reference point—Top of casing, 1.7 feet above ground.

Elevation of reference point—85, from U. S. G. S. topog. by D. W. R.

Use—Abandoned.

Depth of well—66 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 468, No. 17; L. A. Co. F. C. D. No. 2597B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1904—		1912—		1921—	
Oct. 13.....	42.2	July 23.....	48.6	May 26.....	49.4
1905—		Oct. 12.....	49.1	July 22.....	50.9
Jan. 6.....	42.8	1913—		Sept. 19.....	49.6
May 6.....	43.5	Oct. 15.....	49.6	Nov. 2.....	49.7
Sept. 12.....	44.1	1914—		1922—	
Dec. 15.....	45.6	April 6.....	48.7	Mar. 22.....	49.9
1906—		June 3.....	48.2	May 26.....	49.8
Mar. 20.....	44.2	Nov. 17.....	48.0	Aug. 8.....	51.2
June 22.....	46.6	1915—		Oct. 13.....	50.4
Dec. 15.....	44.7	Nov. 5.....	48.8	1923—	
1907—		1916—		Mar. 7.....	50.4
Feb. 6.....	44.1	May 15.....	47.4	May 21.....	50.5
May 2.....	46.0	Nov. 13.....	46.6	Oct. 6.....	50.9
Dec. 23.....	41.6	1917—		1924—	
1908—		May 29.....	48.0	Mar. 22.....	51.2
April 30.....	46.2	Nov. 19.....	48.2	Oct. 20.....	52.7
June 27.....	48.2	1918—		1925—	
Oct. 21.....	45.4	Oct. 16.....	46.3	Mar. 24.....	52.8
Dec. 18.....	45.6	1919—		1926—	
1909—		May 8.....	47.9	May 31.....	56 Dry Destroyed
Mar. 29.....	45.8	Oct. 20.....	48.4		
July 8.....	45.8	1920—			
Oct. 8.....	46.0	May 6.....	48.7		
1910—		Nov. 18.....	48.0		
Jan. 28.....	46.0				
Aug. 12.....	48.7				
Dec. 31.....	47.8				

Measurements from United States Geological Survey (W. S. P. 468 and unpublished records).

B-10m-I-6, J. D. NEWMAN. MAP 2

Location and description—100 feet west of Berryman Avenue, 250 feet south of Washington Boulevard, Culver City.

Reference point—Top of casing 2 feet above ground.

Elevation of reference point—47, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—8 inches.

Other numbers used—L. A. D. of W. & P. No. 565; L. A. Co. F. C. D. No. 2589.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	Destroyed
Jan. 16.....	48.6	May 7.....	53.0		
April 12.....	49.2				
Nov. 5.....	57.1				
Dec. 26.....	58.7				

Measurements from Los Angeles County Flood Control District.

B-10o-I-6, AMERICAN STATES WATER SERVICE COMPANY, PLANT NO. 3, WELL NO. 6.
(FORMERLY PEOPLES WATER COMPANY) MAP 2

Log Available

Location and description—265 feet east of Sepulveda Boulevard and 388 feet north of Washington Boulevard, Culver City.

Reference point—North edge of pump base, 1 foot above ground.

Elevation of reference point—54, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—402 feet.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 2589B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1930—		1931—	
May 20.....	*48	Mar. 1.....	76.4	April 17.....	85.0
		May 7.....	73.5		
1929—					
April 21.....	b58				
May 28.....	b67				
July 23.....	b80				

^a Measurement by driller; reference point at ground.

^b Measurement by operator.

Measurements from Los Angeles County Flood Control District.

B-10p-I-6, GUY BERINGHELY. MAP 2

Location and description—125 feet west of Overland Boulevard, 190 feet north of Venice Boulevard, Palms.

Reference point—Top of casing, 0.8 feet above ground.

Elevation of reference point—84.5, from levels by S. M. W. D.

Use—Domestic.

Depth of well—80 feet.

Diameter of casing—10 inches.

Other numbers used—S. M. W. D. No. 83; L. A. Co. F. C. D. No. 2598.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 25.....	58.0	Jan. 22.....	57.9	Feb. 25.....	58.4
		May 6.....	58.1	Mar. 25.....	59.1
1929—		Dec. 7.....	60.1	Nov. 4.....	59.9
April 29.....	59.3				
July 9.....	60.4			1932—	
				Jan. 2.....	60.0

Measurements from Los Angeles County Flood Control District.

B-11-H-6, CONTINENTAL BAKING COMPANY. MAP 2

Location and description—50 feet southeast of southerly drive of Santa Monica Boulevard and 280 feet northeast of Alpine Drive, Beverly Hills. Under manhole in driveway.

Reference point—Top of casing, at floor, 8 feet below ground.

Elevation of reference point—242, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Industrial.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2602.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 6.....	34.7	April 18.....	36.7		
Dec. 31.....	37.0	May 8.....	36.3		

Measurements from Los Angeles County Flood Control District.

B-12-H-7, ADOHR CREAMERY COMPANY. MAP 2

Location and description—200 feet west of La Cienega Boulevard, 200 feet south of 18th Street, northeast of Culver City.

Reference point—Steel plate cover, at ground.

Elevation of reference point—93, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 2626.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Feb. 10.....	45.7	Feb. 3.....	58.5	Jan. 7.....	53.5
April 21.....	45.0	Feb. 18.....	53.3		
Dec. 7.....	57.7	Feb. 25.....	57.9		
		Mar. 4.....	57.2		
		April 22.....	68.6		
		May 8.....	62.0		

Measurements from Los Angeles County Flood Control District.

B-12a-I-7, PACIFIC WESTERN OIL COMPANY. MAP 2

Location and description—0.18 miles south of Adams Boulevard, 150 feet west of Moynier Lane, 80 feet north of southerly branch of Ballona Creek, northeast of Culver City.

Reference point—Air gage, 4 inches above base of pump and 2 feet above ground.

Elevation of reference point—84, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic and industrial.

Depth of well—720 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2626A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1932—			
Feb. 6.....	46.7	Jan. 22.....	31.3		
April 21.....	36.5				
Dec. 7.....	26.5				

Measurements from Los Angeles County Flood Control District.

B-13-I-6, BETZ & KOERNIG. MAP 2

Location and description—300 feet east of Overland Boulevard, 0.4 miles south of Culver Boulevard Culver City.

Reference point—Top of casing 1 foot above ground.

Elevation of reference point—67.7, from levels by Santa Monica Water Department.

Use—Not used.

Diameter of casing—10 inches.

Other numbers used—S. M. W. D. No. 56; L. A. Co. F. C. D. No. 2609.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930		1931	
Jan. 4	28.3	Jan. 22	27.7	April 21	28.8
April 29	27.8	May 6	27.3	May 8	27.2
July 9	27.9	Dec. 7	28.2		
				1932—	
				Jan. 12	28.6

Measurements from Los Angeles County Flood Control District.

B-14-G-8, HOME ICE COMPANY OF LOS ANGELES. MAP 2

Location and description—80 feet east of La Brea, 175 feet north of Santa Monica Boulevard, Hollywood. 20-foot concrete pit.

Reference point—West edge of top of cover of pit, 1 foot above ground.

Elevation of reference point—290, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Industrial.

Depth of well—110 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2650.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Jan. 29	27	May 8	30.0	Jan. 12	31.0
Dec. 10	31.0				

Measurements from Los Angeles County Flood Control District.

B-14d-G-8, REGINALD H. JONES. MAP 2

Location and description—15 feet south of De Longpre Avenue, 50 feet west of Hudson Avenue extended, Hollywood.

Reference point—Top of casing in bottom of 11.5 foot pit.

Elevation of reference point—324, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—250 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2660.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Feb. 13	34.8	May 21	36.3	Jan. 12	37.0
May 1	34.8				

Measurements from Los Angeles County Flood Control District.

B-15-I-8, CITY OF LOS ANGELES. MAP 2

Log Available

Location and description—6 feet west of east edge of Crenshaw Boulevard and 325 feet south of P. E. Ry., east of Culver City 6 inch castiron cap in pavement.

Reference point—Top of pavement.

Elevation of reference point—112, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—661 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 2667.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Jan. 25.....	38 5	Feb. 3.....	42 5	Jan. 2.....	45 6
Dec. 7.....	44 7	Mar. 25.....	43 8		
		May 20.....	46 0		
		Nov. 4.....	48 5		

Measurements from Los Angeles County Flood Control District.

B-15a-I-8, MRS. CHILDS. MAP 2

Location and description—225 feet west of Arlington Avenue and 25 feet north of 27th Street, east of Culver City.

Reference point—Top of casing, 5 feet below ground.

Elevation of reference point—150, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Other numbers used—L. A. Co. F. C. D. No. 2686.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Dec. 12.....	74 0	Feb. 3.....	78 0	Jan. 18.....	80 8
		April 22.....	84 0		
1930—					
April 28.....	76 2				
Dec. 9.....	78 7				

Measurements from Los Angeles County Flood Control District.

B-16-I-8, LOS ANGELES INVESTMENT COMPANY. MAP 2

Location and description—100 feet north of 48th Street, 90 feet west of Fourth Avenue, Los Angeles.

Reference point—Top of pit lining, at ground.

Elevation of reference point—128, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used (formerly irrigation).

Depth of well—300 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 294, L. A. Co. F. C. D. No. 2679.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1930—		1931—	
July 24.....	31 6	Jan. 24.....	38 6	Jan. 27.....	40 8
		May 7.....	*39 0	April 22.....	*41 0
1928—		Oct. 8.....	40 6		
Dec. 10.....	36 7	Dec. 31.....	*41 0	1932—	
				Jan. 22.....	*42 3
1929—					
Feb. 5.....	28 6				
Dec. 2.....	38 2				

* Measurement from Los Angeles County Flood Control District.

Measurements from Los Angeles Department of Water and Power except as noted.

B-17-G-9, A. SCHACHER. MAP 2

Location and description—70 feet south of Fountain Avenue and 100 feet west of North Hoover Street, Los Angeles. 5 foot dug well.

Reference point—Top of wooden tank platform, at ground.

Elevation of reference point—373, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—50 feet.

Other numbers used—L. A. Co. F. C. D. No. 2710.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—					
Feb. 18.....	39.5				
Mar. 25.....	41.5				
April 8.....	45.0				
May 6.....	40.4				
May 27.....	45.1				

Measurements from Los Angeles County Flood Control District.

B-18-H-9, EVENING HERALD PUBLISHING COMPANY. MAP 2

Log Available.

Location and description—137 feet east of Georgia Street, 145 feet west of Trenton Street, 266 feet north of Pico Boulevard, Los Angeles. In basement at 1243 south Trenton Street.

Reference point—Top of casing, 8 feet below ground.

Elevation of reference point—225, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—375 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2735.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Nov. 1.....	a115.0	Jan. 6.....	119.4	May 19.....	124.7
		April 23.....	120.1	Nov. 30.....	124.0
		Dec. 11.....	111.8		

^a Measurement by owner.

Measurements from Los Angeles County Flood Control District.

B-18a-H-9, LOS ANGELES EXAMINER PUBLISHING COMPANY. MAP 2

Log Available.

Location and description—West corner of Eleventh and Broadway, Los Angeles. In basement of building.

Reference point—Surface of boiler room floor, 10 feet below ground.

Elevation of reference point—232, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—499 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2746.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1930		1931—	
Aug. 17.....	121	Jan. 4.....	118	May 19.....	119.1
		April 23.....	117.7		
		Dec. 11.....	118.2		

Measurements from Los Angeles County Flood Control District.

B-19b-I-9, JEFFERSON ICE COMPANY. MAP 2

Log Available

Location and description—15 feet north of Jefferson Boulevard and 570 feet west of Main Street, Los Angeles.

Reference point—At concrete floor.

Elevation of reference point—201, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Industrial.

Depth of well—285 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2728.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1919—		1931—		1932—	
June —————	a92.0	Feb. 2.	130.0	Jan. 2.	134.3
Oct. —————	a90.0	Mar. 4.	130.1		
		April 22.	132.0		
1929—		May 13.	131.7		
Aug. 8.	121.8	June 2.	132.5		
		Nov. 4.	135.5		
1930—					
Feb. 3.	122.8				
April 26.	125.5				
Dec. 11.	130.2				

^a Measurement by owner.

Measurements from Los Angeles County Flood Control District.

B-19d-I-9, CALIFORNIA CONSUMERS COMPANY, GLOBE DIVISION. MAP 2

Log Available.

Location and description—30 feet south of Jefferson Boulevard, 150 feet west of Hill Street, Los Angeles. In main engine room of Globe Ice Cream Plant.

Reference point—Bottom edge of 2' x 2½' hole in casing, 2 feet below floor and ground.

Elevation of reference point—195, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Industrial.

Depth of well—300 feet.

Diameter of casing—14 inches.

Other numbers used—S. G. V. P. A. No. 1351; L. A. Co. F. C. D. No. 2728B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
June 17.	ab125	Feb. 3.	b118	April 22.	b123.0
		April 26.	b117.7		
		June 23.	121.3	1932—	
		Aug. 27.	123.0	Jan. 22.	b127.4
		Sept. 15.	124.4		
		Oct. 13.	126.7		
		Nov. 10.	125.3		

^a Measurement by owner.

^b Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

B-21a-H-10, LOS ANGELES ICE & COLD STORAGE COMPANY, NO. 2,
EAST WELL. MAP 2

Location and description—150 feet east of Central Avenue, 20 feet north of Fourth Street, Los Angeles.

Reference point—Base of pump, at ground.

Elevation of reference point—258, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—320 feet.

Diameter of casing—20 inches.

Other numbers used—L. A. Co. F. C. D. No. 2765A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 29.	99.0	April 21.	100.9		
April 23.	99.2				
Dec. 11.	99.1				

Measurements from Los Angeles County Flood Control District.

B-22-I-10, E. K. WOOD LUMBER COMPANY. MAP 2

Location and description—250 feet east of Alameda Street, 100 feet south of 48th Place, Vernon.
Reference point—(a) Top of wooden blocks clamped to top of pipe, 1 foot above ground (b) top of pipe, 4.0 feet below ground.
Elevation of reference point—(a) 198 (b) 193 from U. S. G. S. topog. by L. A. Co. F. C. D.
Use—Industrial.
Depth of well—286 feet.
Diameter of casing—12 inches.
Other numbers used—L. A. Co. F. C. D. No. 2769.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Dec. 14.....	a112.5	1930— May 17..... Dec. 11.....	a115.9 b106.7	1931— April 22.....	b112.0

* Reference point (a) used.

b Reference point (b) used.

Measurements from Los Angeles County Flood Control District.

B-22e-I-10, VERNON CITY WATER WORKS. MAP 2

Log Available.

Location and description—700 feet west of Santa Fe Avenue, 600 feet north of Vernon Avenue, Vernon.
Reference point—Top of $\frac{3}{4}$ -inch tee above pump base inside frame, 0.6 feet above concrete floor and 0.8 feet above ground.
Elevation of reference point—203, from U. S. G. S. topog. by D. W. R.
Use—Municipal.
Depth of well—800 feet.
Other numbers used—S. G. V. P. A. No. 954B; L. A. Co. F. C. D. No. 2769E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Jan. 8..... April 19..... May 24.....	141.6 143.0 144.3	July 13..... July 29..... Nov. 20.....	147.7 145.0 139.0	1930— Feb. 12.....	151.3

Measurements from San Gabriel Valley Protective Association.

B-23-I-5, J. H. EVANS. MAP 2

Location and description—70 feet southwest of Lincoln Avenue, 120 feet northwest of Rialto Avenue, Venice.
Reference point—Top of casing 1 foot above ground.
Elevation of reference point—23, from U. S. G. S. topog. by L. A. Co. F. C. D.
Use—Not used.
Diameter of casing—14 inches.
Other numbers used—S. M. W. D. No. 4; L. A. Co. F. C. D. No. 1240.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Jan. 4..... April 29..... June 17..... July 10..... Dec. 26.....	36.3 34.9 34.4 34.0 35.5	1930— April 29..... Dec. 7.....	33.5 33.5	1931— Feb. 3..... April 1..... May 13..... Nov. 4..... Dec. 17.....	33.2 34.0 32.1 33.5 33.7

Measurements from Los Angeles County Flood Control District.

B-23c-I-5, VENICE CONSOLIDATED WATER COMPANY, NO. 11. MAP 2

Log Available.

Location and description—75 feet south of Zanja Street, 30 feet west of Walnut Street, Venice.**Reference point**—Top of sounding pipe at floor.**Elevation of reference point**—20, from U. S. G. S. topog. by L. A. Co. F. C. D.**Use**—Domestic.**Depth of well**—277 feet.**Diameter of casing**—18 inches.**Other numbers used**—L. A. Co. F. C. D. No. 1250.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 27.....	31.8	May 7.....	29.6		
April 29.....	31.8	Dec. 7.....	31.8		
Dec. 7.....	33.4				

Measurements from Los Angeles County Flood Control District.

B-24-J-5, MR. ZOBE LINE. MAP 2

Location and description—350 feet southwest of Thatcher Avenue, 1025 feet south of Washington Boulevard, 20 feet south of Oxford Avenue, east of Venice.**Reference point**—Top of casing at ground.**Elevation of reference point**—10, from U. S. G. S. topog. by L. A. Co. F. C. D.**Use**—Irrigation.**Diameter of casing**—12 inches.**Other numbers used**—L. A. Co. F. C. D. No. 1251.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
July 12.....	21.8	Jan. 30.....	16.9	Jan. 16.....	Destroyed
Dec. 6.....	22.5	May 12.....	17.6		
1929—					
June 17.....	20.5				
Dec. 26.....	21.8				

Measurements from Los Angeles County Flood Control District.

B-24a-J-6, DEL REY LAND & WATER COMPANY. NO. 2. MAP 2

Location and description—1000 feet southeast of intersection of Thatcher Drive and Inglewood line of P. E. Ry. from Venice, 150 feet southwest of P. E. Ry., east of Venice.**Reference point**—Top of 2' x 12' pit lining, north side.**Elevation of reference point**—12, from U. S. G. S. topog. by D. W. R.**Use**—Irrigation.**Depth of well**—145 feet.**Diameter of casing**—12 inches.**Other numbers used**—L. A. Co. F. C. D. No. 1251A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
June 19.....	35.8	May 12.....	*32.5	Jan. 16.....	13.0
Nov. 5.....	38.9			May 7.....	13.5
Dec. 6.....	34.9			Dec. 12.....	22.4
Dec. 26.....	*34.8				

* Pumping nearby.

Measurements from Los Angeles County Flood Control District.

B-25a-I-6, UCHIDA COMPANY. MAP 2

Location and description—100 feet east of Centinella Avenue, 500 feet north of Washington Boulevard, east of Venice.

Reference point—Casing at ground.

Elevation of reference point—48, from U. S. G. S. topog by L. A. Co. F. C. D.

Use—Domestic and irrigation.

Diameter of casing—6 inches.

Other numbers used—S. M. W. D. No. 41V; L. A. Co. F. C. D. No. 1270.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface feet	Date	Dist. R. P. to water surface, feet
1928— Oct. 25.....	^a 60.3	1929— Jan. 4..... Dec. 26.....	^a 57.4 ^b 47.2	1931— Jan. 16..... May 7..... Dec. 17.....	56.5 57.9 57.6

^a Pumping.

^b Down 7 minutes.

Measurements from Los Angeles County Flood Control District.

B-28-J-6, PALISADES DEL REY WATER COMPANY, PLANT NO. 1, WELL NO. 1. MAP 2

Log Available.

Location and description—120 feet west of Pershing Boulevard (Coast Boulevard), 80 feet north of Moscow Street, south of Venice. 20 feet north of well No. 2, Plant No. 1.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—83.8, from levels by owner.

Use—Municipal.

Depth of well—209 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 1264.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Oct. 24..... Nov. 18.....	^a 78.0 80.4	1931— Feb. 9..... April 1..... July 5..... Sept. 26..... Nov. 4..... Dec. 1.....	80.7 80.8 83.0 ^b 80.8 ^b 80.8 ^b 80.3	1932— Jan. 25.....	^b 80.4
1930— Jan. 7..... May 0..... Oct. 21.....	^a 81.0 ^a 83.8 80.7				

^a Measurement from Los Angeles County Flood Control District.

^b Measurement from owner.

Measurements from Los Angeles Department of Water and Power except as noted.

B-28c-J-6, G. P. BARNARD. MAP 2

Log Available.

Location and description—200 feet northeast of Gula Avenue, 380 feet northwest of Moscow Avenue, 1700 feet south of Manchester Boulevard and $\frac{1}{2}$ mile northeast of Pershing Drive (Coast Boulevard), south of Venice.

Reference point—Pump house floor, 1.5 feet above ground.

Elevation of reference point—127.5, from levels by Porter H. Albright.

Use—Domestic.

Depth of well—250 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 1264C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Oct. 24.....	129.7	1930— Jan. 7..... May 9.....	130.0 130.1	1931— Jan. 28..... May 7..... Dec. 12.....	135.5 131.0 131.0

Measurements from Los Angeles County Flood Control District.

B-29b-I-6, E. S. MERRILL SANITARIUM. MAP 2

Location and description—100 feet south of Culver Boulevard, 600 feet east of Centinella Avenue, east of Venice.

Reference point—Top of casing, in pit, 16 feet below ground, to and including May 6, 1931, then, at ground.

Elevation of reference point—15 to and including May 6, 1931; then, 31, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—120 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1280B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Dec. 26	18 5	1931— May 7	36 8	1932— Jan. 12	33 5
1930— Dec. 7	19 0				

Measurements from Los Angeles County Flood Control District.

B-30a-J-6, PLAYA DEL REY SCHOOL. MAP 2

Location and description—450 feet east of Centinella Boulevard, 550 feet north of Jefferson Boulevard, 50 feet north of Playa del Rey schoolhouse, southwest of Culver City.

Reference point—Top of casing 1 foot above ground.

Elevation of reference point—18, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—100 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 1291A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Dec. 26	21 6	1930— May 12	22 7	1931— Jan. 17	22 0
				May 7	24 2
				Dec. 7	24 2

Measurements from Los Angeles County Flood Control District.

B-31-J-6, LOYOLA UNIVERSITY. MAP 2

Location and description—70 feet east of Fordham Road, 0.35 miles north of 80th Street, 0.75 miles north of Manchester Boulevard, southeast of Venice. On University grounds.

Reference point—Pump base, at ground.

Elevation of reference point—136, from aneroid by D. W. R.

Use—Domestic.

Depth of well—400 feet.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 1282.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Jan. 7	144	1931— Jan. 28	144		
May 8	143	May 7	145		

Measurements from Los Angeles County Flood Control District.

B-33-K-6, CITY OF EL SEGUNDO, NO. 1. MAP 2

Log Available

Location and description—120 feet south of Holly Avenue, 110 feet east of Lomita Avenue, El Segundo.

Reference point—Top of concrete floor, 0.4 feet above ground.

Elevation of reference point—173, from U. S. G. S. topog. by D. W. R.

Use—Municipal

Depth of well—355 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 1297.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927— Sept. 28.....	179	1930— Feb. 6.....	177.6	1932— Feb. 2.....	180.6
1929— Aug. 27.....	171.8	1931— Nov. 3..... Dec. 31.....	182.2 181.2		

Measurements by El Segundo Water Department and obtained from Los Angeles County Flood Control District.

B-33e-K-6, STANDARD OIL COMPANY, NO. 5. MAP 2

Log Available

Location and description—2000 feet south of El Segundo Boulevard, 3300 feet east of Main Street extended, El Segundo. 600 feet east of Naptha treating plant.

Reference point—Top of casing.

Elevation of reference point—112.1, from levels by owner.

Use—Not used.

Depth of well—497 feet.

Diameter of casing—20 inches.

Other numbers used—L. A. Co. F. C. D. No. 1298B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— Feb. —.....	112 0	1926— Feb. —..... Aug. —.....	120 7 118.9	1928— Feb. —.....	116 0
1923— Feb. —.....	122.6	1927— Mar. —..... June —..... Aug. —.....	114 4 119.6 121.7	1929— Jan. —..... July 25..... Aug. 29.....	122 3 105 5 104.4 Destroyed.
1924— Feb. —.....	120.6				
1925— Feb. —..... June —..... Sept. —.....	121 6 119 1 123 2				

Measurements by owner and obtained from Los Angeles County Flood Control District.

B-34-J-7, NEWBERG & WILLIAMS. MAP 2

Location and description—1500 feet north of Manchester Avenue, 0.6 miles west of Inglewood—Redondo Road, west of Inglewood.

Reference point—Screw cap on iron pipe, at ground.

Elevation of reference point—125, from anroid by D. W. R.

Use—Domestic

Depth of well—200 feet.

Other numbers used—L. A. Co. F. C. D. No. 1313.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931— Mar. 13..... May 6.....	127 4 127.9	1932— Jan. 14.....	129 4		

Measurements from Los Angeles County Flood Control District.

B-34c-J-7, MRS. LUCY CORTRITE. MAP 2

Log Available

Location and description—100 feet south of Manchester Avenue, 30 feet east of Ash Avenue, Inglewood.

Reference point—Top of casing 1 foot above ground.

Elevation of reference point—103, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—183 feet.

Diameter of casing—7 inches.

Other numbers used—L. A. Co. F. C. D. No. 1333.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Sept. 11.....	100 0	Jan. 16.....	103 5	Jan. 12.....	99 7
Oct. 24.....	98 5	April 14.....	105 2		
1930—					
Jan. 7.....	96 1				
May 9.....	96 6				

Measurements from Los Angeles County Flood Control District.

B-35-J-7, SARAH KUMMER. MAP 2

Location and description—50 feet west of Inglewood Boulevard, 15 feet north of Edith Street, 800 feet south of Arbor Vitae Street, Inglewood.

Reference point—Top of 4" x 4" over casing 0.5 feet above ground.

Elevation of reference point—100, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—70 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 1334.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Feb. 27.....	60 2	Jan. 7.....	57 7	April 14.....	59 0
May 13.....	60 3	May 8.....	58 8	May 6.....	58 0
June 18.....	60 7	Dec. 30.....	57 6	1932—	
July 8.....	61 2			Jan. 12.....	57 7

^a Just stopped pumping.

Measurements from Los Angeles County Flood Control District.

B-36b-K-6, MR. SMITH. MAP 2

Location and description—50 feet south of Palm Street, 500 feet west of Arizona Avenue, north of El Segundo.

Reference point—Top of casing 2.5 feet above ground.

Elevation of reference point—140, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 1307.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Jan. 8.....	145 0	Jan. 17.....	164 5	Jan. 14.....	145 9
May 9.....	144 5	April 11.....	149 0		
		May 6.....	145 4		

Measurements from Los Angeles County Flood Control District.

**B-36c-K-7, ATCHISON-TOPEKA AND SANTA FE RAILWAY (FORMERLY
DINSMORE RANCH). MAP 2**

Log Available

Location and description—150 feet south of Imperial Boulevard, 0.58 miles west of Inglewood-Redondo Road, El Segundo.

Reference point—Slot in casing, at ground.

Elevation of reference point—98, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—245 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 1316.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1932—			
Mar. 13.....	105.0	Jan. 14.....	110		
May 6.....	107.7				

Measurements from Los Angeles County Flood Control District.

B-37-L-7, GENERAL CHEMICAL COMPANY. MAP 3

Location and description—60 feet east of El Camino Real (Sepulveda Boulevard), 125 feet south of Roscomans Avenue, north of Redondo Beach.

Reference point—Top of casing, at ground.

Elevation of reference point—150, from aneroid, by D. W. R.

Use—Industrial.

Depth of well—200 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 1309.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Jan. 8.....	151.2	Jan. 17.....	163.5	Jan. 14.....	152.5
May 9.....	151.1	May 6.....	163.2		

Measurements from Los Angeles County Flood Control District.

B-40-K-7, MR. BLAKESLY. MAP 2

Location and description—175 feet west of Eucalyptus Street, 450 feet north of Imperial Highway, Inglewood.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—76, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—5 inches.

Other numbers used—L. A. Co. F. C. D. No. 1346.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—			
Feb. 27.....	71.6	Jan. 7.....	72.7		
May 13.....	72.3	May —.....	Destroyed		
June 18.....	72.2				

Measurements from Los Angeles County Flood Control District.

B-41i-K-8, J. H. SMITH. MAP 2

Location and description—100 feet east of Prairie Avenue, 15 feet north of Pennsylvania extended east, 0.3 miles north of Roscarrars Avenue, Hawthorne.

Reference point—Top of casing, 2.5 feet above ground.

Elevation of reference point—59, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—87 feet.

Diameter of casing—5 inches.

Other numbers used—L. A. Co. F. C. D. No. 1359.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Feb. 25.....	49.0	Jan. 17.....	62.0	Jan. 21.....	63.3
May 13.....	60.5	April 15.....	63.8		
		May 6.....	63.0		
1930—					
Jan. 7.....	61.5				
May 8.....	61.2				

Measurements from Los Angeles County Flood Control District.

B-42-J-8, R. A. COULTER. MAP 2

Location and description—20 feet north of 81st Street, 100 feet east of Crenshaw Boulevard, Inglewood.

Reference point—Top of 4" x 4" blocks over casing, 1.8 feet above ground.

Elevation of reference point—248, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1373.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Feb. 26.....	182.3	April 24.....	187.5	April 15.....	192.0
May 13.....	182.5	Dec. 2.....	192.0	May 5.....	192.0
July 8.....	183.7				
Dec. 11.....	184.1				

Measurements from Los Angeles County Flood Control District.

B-44-K-8, C. A. VAN NEST. MAP 2

Location and description—35 feet south of June Street, 300 feet west of Walnut Avenue, Hawthorne.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—81, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—160 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 1366.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Feb. 27.....	77.6	Jan. 16.....	64.0	Jan. 21.....	83.2
May 13.....	77.6	April 15.....	83.0		
July 8.....	78.3	May 6.....	80.2		
1930—					
Jan. 6.....	78.8				
May 8.....	78.9				

Measurements from Los Angeles County Flood Control District.

B-44a-K-8, W. J. HONAN. MAP 2

Log Available

Location and description—90 feet west of Cypress Avenue, 30 feet south of Imperial Highway, northwest of Hawthorne.

Reference point—Base of pump, 1.3 feet above ground.

Elevation of reference point—78, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic and irrigation.

Depth of well—600 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1376.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—		1930—		1931—	
Oct. -----	^a 63	Jan. 6.	80.0	Jan. 17.	85.0
		May 8.	78.3	April 15.	87.0
1929—				May 6.	80.7
Feb. 26.	81.6			1932—	
				Jan. 21.	81.8

^a When drilled.

Measurements from Los Angeles County Flood Control District.

B-44c-K-8, JOHNSON RANCHO. MAP 2

Location and description—165 feet east of Cypress Avenue, 0.48 miles north of El Segundo Boulevard, east of Hawthorne.

Reference point—Top of blocks resting over casing, 1 foot above surface, to and including November 18, 1920; then top of timber supports under pump, 0.5 feet above ground.

Elevation of reference point—60.5 to and including November 18, 1920; then 60, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—200 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 139, No. 255, Redondo; W. S. P. 468, No. 10; L. A. Co. F. C. D. No. 1377.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1904—		1910—		1921—	
Dec. 6.	35.6	Jan. 27.	36.8	May 26.	44.7
		Aug. 13.	43.1	July 25.	45.2
1905—		Dec. 30.	49.0	Sept. 19.	46.1
Jan. 3.	36.7			Nov. 2.	45.2
Feb. 6.	38.5	1912—			
Mar. 14.	37.3	May 20.	38.5	1922—	
April 10.	35.7			Mar. 22.	44.6
May 3.	35.7	1914—		May 26.	45.3
July 10.	38.5	April 6.	42.3	Aug. 8.	46.7
Aug. 8.	40.2	Nov. 18.	42.3	Oct. 13.	48.6
Sept. 11.	47.3				
Dec. 14.	39.2	1915—		1923—	
		May 28.	54.3	Mar. 7.	45.5
1906—		Nov. 5.	41.8	May 21.	46.2
Jan. 22.	36.0				
Mar. 19.	34.2	1916—		1924—	
May 2.	33.4	May 15.	41.4	Oct. 20.	48.6
June 21.	38.2	Nov. 13.	41.7		
July 27.	37.8			1925—	
Sept. 17.	37.9	1917—		Mar. 24.	49.1
Dec. 14.	37.1	May 29.	41.8		
		Nov. 19.	41.3	1926—	
1907—				Jan. 28.	^a 62.0
May 1.	38.4	1918—			
Aug. 21.	30.9	May 13.	42.5	1931—	
Dec. 24.	30.8	Oct. 16.	42.7	Jan. 28.	^b 62.0
				Feb. 12.	^b 58.7
1908—		1919—		Mar. 4.	^b 58.0
June 26.	37.7	May 8.	43.0	April 22.	^b 59.3
Dec. 17.	36.8	Oct. 20.	43.5	May 19.	^b 58.4
				Nov. 4.	^b 60.3
1909—		1920—		Dec. 2.	^b 59.9
Mar. 30.	36.2	May 6.	43.2		
July 3.	38.3	Nov. 18.	44.2	1932—	
Oct. 7.	39.3			Jan. 2.	^b 59.4

^a New well $\frac{1}{4}$ mile away pumping.

^b Measurement from Los Angeles County Flood Control District.

Measurements from United States Geological Survey except as noted. Readings to and including 1920 from W. S. P. 468.

B-45d-K-8, O. T. JOHNSON RANCH, NO. 5. MAP 2

Log Available

Location and description—200 feet east of Cypress Avenue, 800 feet south of Strawberry Avenue, 0.65 miles south of Ballona Avenue, south of reservoir, southwest of Hawthorne.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—50, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—440 feet.

Diameter of casing—12 inches.

Other numbers used—S. G. V. P. A. No. 869-W; L. A. Co. F. C. D. No. 1379.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925— Oct.	a54	1930— Jan. 8.....	58 7	1932— Jan. 21.....	57 8
1929— Feb. 26.....	53 4	May 8.....	54 3		
May 13.....	56 7	1931— Jan. 28.....	55 0		
July 9.....	59 3	April 15.....	63 3		
		May 6.....	62 8		

^a When drilled.

Measurements from Los Angeles County Flood Control District.

B-46c-J-8, CITY OF LOS ANGELES. MAP 2

Log Available

Location and description—150 feet south of 62d Street, 30 feet east of Grammercy Place, Los Angeles.

Reference point—Top of casing at ground.

Elevation of reference point—136, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—625 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. D. of W. & P. No. 4; L. A. Co. F. C. D. No. 1381C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Oct. 2.....	70 4	1930— Mar. 29.....	64 6	1931— Mar. 3.....	68 3
1929— Mar. 25.....	57 6	Nov. 8.....	78 1	June 4.....	71 7
Nov. 4.....	67 1			Aug. 4.....	76 1
				Sept. 2.....	77 3
				Dec. 2.....	72 7

Measurements from Los Angeles Department of Water and Power.

B-47-J-8, CITY BRICK COMPANY. MAP 2

Location and description—200 feet south of Manchester Avenue, 250 feet west of St. Andrews Place, 0.17 miles west of Western Avenue, east of Inglewood. North one of two wells.

Reference point—Top of casing, at ground.

Elevation of reference point—200, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Industrial.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1384.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Feb. 26.....	140 6	1930— Jan. 6.....	144 9	1931— Jan. 17.....	157 0
May 13.....	139 9	May 4.....	145 5	April 15.....	150 3
July 8.....	142 9			1932— Jan. 21.....	153 6

Measurements from Los Angeles County Flood Control District.

B-49-K-8, O. T. JOHNSON RANCH, NO. 1. MAP 2

Location and description—120 feet west of Western Avenue, 15 feet south of Ballona Avenue, south-east of Inglewood.

Reference point—Base of pump, at ground.

Elevation of reference point—85, from U. S. G. S. topog. by D. W. R.

Use—Domestic and irrigation.

Depth of well—408 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1398.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Feb. 24.....	91.4	Jan. 28.....	93.0	Jan. 23.....	96.4
		April 14.....	92.0		
1930—					
Feb. 8.....	90.0				
May 4.....	92.4				

Measurements from Los Angeles County Flood Control District.

B-50-I-9, CITY OF LOS ANGELES, FIGUEROA AND SLAUSON PUMPING PLANT NO. 1
MAP 2

Log Available

Location and description—75 feet north of Slauson Avenue, 100 feet west of Figueroa Street, west of Vernon.

Reference point—Top of 8-inch casing, 1 foot above ground.

Elevation of reference point—155, from U. S. G. S. topog. by D. W. R.

Use—Municipal.

Depth of well—610 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1411.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1913.....	35.0	1927—		1930—	
1924—		May 24.....	^a 73.8	April 4.....	78.2
Aug. 21.....	68.7	Dec. 8.....	69.7	Sept. 13.....	^a 92.5
1925—		1928—		1931—	
Jan. 23.....	^a 65.8	Feb. 13.....	68.0	Mar. 3.....	80.4
Nov. 27.....	^a 68.5	Oct. 31.....	76.6	June 11.....	84.1
1926—		1929—		July 1.....	85.1
May 10.....	^a 68.2	April 3.....	^b 69.4	Sept. 29.....	87.8
		Aug. 9.....	85.5	Dec. 2.....	84.2

^a Down 5 minutes.

^b Down 1 hour.

Measurements from Los Angeles Department of Water and Power.

B-51a-J-8, CONLEY ESTATE. MAP 2

Log Available

Location and description—200 feet west of Budlong Avenue, 200 feet south of 78th Street, east of Inglewood.

Reference point—Top of concrete base, 1 foot above ground.

Elevation of reference point—153, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used since 1923.

Depth of well—125 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 304; L. A. Co. F. C. D. No. 1403.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—			
Dec. 12.....	65.5	Mar. 17.....	^a 78.1		
		April 21.....	82.7		
1930—		May 11.....	82.2		
April 24.....	72.0	July 1.....	^a 82.2		
Oct. 9.....	^a 80.0	Sept. 3.....	^a 87.9		
Dec. 16.....	74.0	Dec. 3.....	83.5		

^a Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District except as noted.

B-51b-J-9, W. E. READ. MAP 2

Location and description—100 feet south of 84th Street, 950 feet east of Vermont Avenue, east of Inglewood.

Reference point—Top of 2" x 4" over casing, 1 foot above ground.

Elevation of reference point—139, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—165 feet.

Diameter of casing—7 inches.

Other numbers used—L. A. D. of W. & P. No. 307; L. A. Co. F. C. D. No. 1413.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1928—		1930—	
Aug. 2.	40.2	Mar. 6.	55.4	Jan. 21.	66.1
		Oct. 26.	65.0	Sept. 13.	75.2
1925—		1929—		1931—	
Jan. 21.	46.2	Feb. 11.	59.6	Feb. 2.	69.2
Nov. 12.	52.5	Sept. 3.	70.1		
1927—					
Feb. 10.	53.4				
Oct. 18.	62.5				

Measurements from Los Angeles Department of Water and Power.

B-52-J-8, OLIVITA MUTUAL WATER COMPANY. MAP 2

Location and description—40 feet east of Normandie Avenue, 240 feet south of 94th Street, east of Inglewood.

Reference point—Pump base, at ground.

Elevation of reference point—174, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—565 feet.

Diameter of casing—16-10 inches.

Other numbers used—L. A. D. of W. & P. No. 334, S. G. V. P. A. No. 869-K; L. A. Co. F. C. D. No. 1404B

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1930—		1931—	
April 2.	^a 100.3	Feb. 1.	123.6	Feb. 2.	^a 127.8
		Mar. 3.	123.5	Mar. 2.	128.2
1925—		April 3.	^a 123.9	April 20.	130.2
Feb. 28.	^a 117.4	April 21.	125.1	April 27.	129.8
1926—		May 14.	125.4	June 4.	130.4
Mar. 1.	^a ^b 107.4	Aug. 11.	129.4	July 23.	131.9
Dec. 1.	^a ^b 104.0	Oct. 13.	129.1	Aug. 20.	132.4
		Nov. 13.	^a 128.8	Sept. 17.	132.6
1928—		Nov. 24.	128.4	Nov. 11.	132.1
July 7.	^a 119.0	Dec. 22.	127.9		
1929—					
Mar. 25.	^a 119.4				
Nov. 8.	^a 124.5				

^a Measurement from Los Angeles Department of Water and Power.

^b Measurement by operator.

Measurements from San Gabriel Valley Protective Association except as noted.

B-52c-K-8, AMERICAN STATES WATER SERVICE COMPANY, NO. 17
(FORMERLY LOS ANGELES WATER SERVICE COMPANY). MAP 2

Location and description—170 feet north of 105th Street, 20 feet east of Normandie Avenue, northwest of Athens.

Reference point—Hole for air line in pump base, 0.5 feet above ground.

Elevation of reference point—206, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—220 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1405.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Dec. 18.....	143	Feb. 27.....	150.8	April 16.....	158.8
Dec. 18.....	^a 153	May 4.....	152	May 11.....	155.9
				Dec. 3.....	156.6
1929—					
Dec. 31.....	149				
Dec. 31.....	^a 169				

^a Pumping.

Measurements from Los Angeles County Flood Control District.

B-52f-J-9, JOHN HAYES. MAP 2

Log Available.

Location and description—150 feet north of 95th Street, 200 feet east of Figueroa Street, north of Athens.

Reference point—(a) Top of clamps, 1.5 feet above ground; (b) 0.4 feet above top of casing, 1.7 feet above ground; (c) top of casing, 1.3 feet above ground.

Elevation of reference point—(a) 136.5, (b) 136.7, (c) 136.3, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—416 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. D. of W. & P. No. 332; S. G. V. P. A. No. 869R; L. A. Co. F. C. D. No. 1414.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 3.....	^a 172.0	Jan. 24.....	^a 170.6	Jan. 26.....	^c 77.1
		June 9.....	^b 79.0	Feb. 16.....	^c 74.8
1929—		July 7.....	^b 82.2	Mar. 2.....	^c 76.8
Mar. 5.....	^a 163.0	Aug. 11.....	^c 78.9	April 6.....	^c 80.0
Oct. 9.....	^a 176.0	Sept. 15.....	^b 79.3	April 27.....	^c 78.0
		Oct. 28.....	^c 76.1	June 11.....	^c 78.8
		Nov. 10.....	^c 77.9	Aug. 17.....	^a 183.8
		Dec. 22.....	^c 75.1	Sept. 3.....	^a 184.5
				Oct. 5.....	^a 181.5
				Dec. 3.....	^a 178.0

^a Reference point (a) used.

^b Reference point (b) used.

^c Reference point (c) used.

^d Measurement from Los Angeles Department of Water and Power.

Measurements from San Gabriel Valley Protective Association except as noted.

B-53f-K-9, LOS ANGELES WATER SERVICE COMPANY, NO. 19. MAP 2

Log Available.

Location and description—150 feet north of 112th Street, 200 feet east of Hoover Street, north of Athens.

Reference point—Top of casing, 2 feet above ground.

Elevation of reference point—165, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—315 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1416A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Oct. 9.....	*108	1930— Feb. 26..... April 29.....	108.8 111.6	1931— April 21..... Dec. 3.....	116.2 117.1

* Measurement by driller.

Measurements from Los Angeles County Flood Control District.

B-54-K-8, AMERICAN STATES WATER SERVICE COMPANY—BALLONA PLANT
(FORMERLY GARDENA VALLEY WATER COMPANY). MAP 2

Log Available

Location and description—150 feet south of El Segundo Boulevard, 222 feet west of Budlong Avenue, west of Athens.

Reference point—Base of pump at ground.

Elevation of reference point—135, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Municipal.

Depth of well—564 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 1403.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Feb. 25..... Aug. 16.....	136.4 159.0	1930— Feb. 27..... May 4..... Dec. 5.....	143.3 140.4 143.1	1931— April 16..... May 11..... Dec. 3.....	147.3 145.7 146.6

Measurements from Los Angeles County Flood Control District.

B-54b-K-8, MR. WELCOME. MAP 2

Log Available

Location and description—50 feet west of Vermont Avenue and 50 feet north of 135th Street (Southern Avenue), 0.5 miles north of Rosecrans Avenue, Athens.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—89, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—500 feet.

Diameter of casing—12 inches.

Other numbers used—S. G. V. P. A. No. 952J; L. A. Co. F. C. D. No. 1409.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— May 13..... July 9.....	*103.7 *107.8	1930— Jan. 6..... Mar. 25..... May 2..... May 14..... July 7..... Aug. 11..... Sept. 30..... Dec. 4.....	*101.2 96.5 102.2 99.9 110.4 111.7 107.6 *103.8	1931— April 16..... May 11..... Dec. 3.....	*108.2 *102.8 *105.0

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

B-54g-L-9, MRS. B. LEITCH, NO. 1. MAP 3

Location and description—200 feet north of Rosecrans Avenue, 115 feet east of Hoover Street extended, north of Gardena.

Reference point—Edge of casing in concrete base.

Elevation of reference point—92, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—160 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 1419.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Mar. 1.....	99.5	April 16.....	102.9		
April 30.....	100.4	May 11.....	100.2		
Dec. 4.....	100.7	Dec. 3.....	101.5		

Measurements from Los Angeles County Flood Control District.

B-56-J-9, CITY OF LOS ANGELES. MAP 2

Location and description—40 feet south of 84th Street, 350 feet west of Avalon Boulevard, west of Southgate.

Reference point—1 inch slot in casing top, 1 foot above ground.

Elevation of reference point—137, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—560 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. D. of W. & P. No. 353; L. A. Co. F. C. D. No. 1433.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1929—		1930—	
June 24.....	39.7	Jan. 22.....	46.9	Dec. 15.....	51.1
1927—		Mar. 6.....	45.8	1931—	
Aug. 24.....	44.0	May 7.....	46.6	April 21.....	51.8
Oct. 18.....	44.6	June 19.....	47.6	Dec. 3.....	52.4
1928—		Sept. 6.....	49.1		
Feb. 13.....	43.8	Dec. 2.....	48.9		
April 23.....	44.1				
June 23.....	45.6				
Aug. 30.....	47.2				
Oct. 16.....	47.3				

Measurements from Los Angeles County Flood Control District.

**B-57-J-9, AMERICAN STATES WATER SERVICE COMPANY, PLANT NO. 1,
WELL NO. 1. MAP 2**

Log Available.

Location and description—25 feet south of Colden Avenue (96th Street), 155 feet east of Wall Street, 400 feet west of San Pedro Street, west of Watts.

Reference point—Hole for air line in pump base, 0.5 feet above ground, to and including October 14, 1931; then, top of casing 0.4 feet above ground.

Elevation of reference point—125, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Municipal.

Depth of well—558 feet.

Diameter of casing—14 inches.

Other numbers used—S. G. V. P. A. No. 869M; L. A. Co. F. C. D. No. 1425.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1930—		1931—	
Mar. 31.....	^a b45	Feb. 26.....	^a 67.7	Feb. 9.....	67.3
		Mar. 20.....	68.7	Feb. 16.....	66.5
1927—		April 29.....	^a 69.1	Mar. 2.....	69.1
Feb. 7.....	^a b19	May 14.....	75.1	April 13.....	79.8
		June 9.....	73.5	April 27.....	71.4
1929—		June 23.....	72.6	June 4.....	72.0
April 5.....	^a 55	July 28.....	75.3	July 9.....	77.8
Dec. 31.....	^a 03	Aug. 27.....	74.3	Sept. 3.....	77.6
		Sept. 30.....	70.0	Oct. 14.....	74.3
		Oct. 13.....	71.2	Nov. 11.....	71.8
		Oct. 28.....	68.5	Dec. 22.....	69.1
		Nov. 19.....	70.6		

^a Measurement from Los Angeles County Flood Control District.

^b Measurement by owner.

Measurements from San Gabriel Valley Protective Association except as noted.

B-57j-J-9, HAVILL NURSERY. MAP 2

Location and description—130 feet west of Avalon Boulevard, 90 feet south of 90th Street, 0.37 miles south of Manchester Avenue, northwest of Watts.

Reference point—Top of casing, 2.3 feet above ground.

Elevation of reference point—129, from U. S. G. S. topog. by D. W. R.

Use—Industrial.

Depth of well—60 feet.

Diameter of casing—7 inches.

Other numbers used—S. G. V. P. A. No. 869F; L. A. Co. F. C. D. No. 1434H.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 18.....	36.3	Feb. 2.....	38.0		
Mar. 3.....	36.3	April 6.....	38.4		
May 2.....	36.6	June 11.....	39.0		
Aug. 11.....	37.6	Sept. 3.....	40.0		
Oct. 13.....	37.8	Nov. 23.....	40.3		
Nov. 10.....	38.0	Dec. 22.....	40.2		
Dec. 22.....	38.1				

Measurements from San Gabriel Valley Protective Association.

B-58-K-9, J. B. FERGUSON (FORMERLY J. D. MILLER COMPANY). MAP 2

Location and description—175 feet west of Main Street, 100 feet south of 111th Street, north of Athens.

Reference point—Top of casing 0.5 feet above ground.

Elevation of reference point—131, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—325 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 336; L. A. Co. F. C. D. No. 1426.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1927—		1931—	
Oct. 2.....	60.0	Aug. 1.....	63.4	Jan. 20.....	77.6
1925—		1928—		Mar. 25.....	80.0
April 25.....	58.1	July.....	*58.1	May 7.....	81.3
				June 5.....	83.0
				Aug. 27.....	87.3
				Oct. 5.....	85.0
				Nov. 4.....	83.4
				Dec. 3.....	81.0

* Measurement by operator.

Measurements from Los Angeles Department of Water and Power.

B-58d-K-9, AMERICAN STATES WATER SERVICE COMPANY, DELMAR PLANT
(FORMERLY LOS ANGELES WATER SERVICE COMPANY, NO. 4). MAP 2

Log Available.

Location and description—115 feet south of 116th Place, 700 feet east of San Pedro Street, northeast of Athens.

Reference point—Pump base, at ground.

Elevation of reference point—120, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Municipal.

Depth of well—549 feet.

Other numbers used—S. G. V. P. A. No. 952N; L. A. Co. F. C. D. No. 1437B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Jan. 29.....	*60	Jan. 14.....	69.5	Jan. 8.....	72.4
June 28.....	*76.5	Mar. 2.....	70.3		
Dec. 31.....	*69.5	June 4.....	75.5		
1930—		July 9.....	79.8		
Feb. 27.....	*65.0	Sept. 17.....	79.3		
Mar. 26.....	66.0	Nov. 23.....	74.8		
May 2.....	69.1				
July 28.....	76.1				
Sept. 30.....	76.0				
Nov. 24.....	74.0				

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

NOTE.—Said to be connected to well 25 feet north by tunnel.

B-58e-K-9, MRS. BUSHBY. MAP 2

Location and description—0.13 miles west of Avalon Boulevard, 150 feet south of 120th Street, east of Athens.

Reference point—Top of blocks over casing, 1.8 feet above ground.

Elevation of reference point—124, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—254 feet.

Diameter of casing—5 inches.

Other numbers used—S. G. V. P. A. No. 869B, L. A. Co. F. C. D. No. 1437C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 18.....	72 0	Jan. 15.....	76 0		
Feb. 4.....	71 6	Feb. 23.....	75 4		
April 8.....	73 4	April 20.....	81 4		
June 9.....	79 3	May 4.....	79 4		
Sept. 15.....	82 3	June 11.....	81 4		
Nov. 10.....	81.7	Aug. 20.....	85 7		
Dec. 22.....	78 9	Oct. 1.....	83 5		
		Dec. 22.....	79 6		

Measurements from San Gabriel Valley Protective Association.

B-59d-K-9, LILLIAN OSBORNE. MAP 2

Log Available

Location and description—75 feet south of El Segundo Boulevard and 165 feet east of Avalon Boulevard, east of Athens.

Reference point—Hole bored through plank cover over casing, 0.5 feet above ground.

Elevation of reference point—121, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Abandoned.

Depth of well—600 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1438.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Sept. 19.....	73 5	Jan. 6.....	69 5	April 21.....	77 1
		April 30.....	70 6	May 11.....	73 7
		Dec. 4.....	73 4	Dec. 3.....	76 8

Measurements from Los Angeles County Flood Control District.

NOTE.—Said to be connected by tunnel with well 29 feet north.

B-59i-K-9, MR. KINSLEY. MAP 2

Location and description—100 feet west of Avalon Boulevard, 1250 feet north of Rossmans Avenue, 70 feet south of 139th Street, southeast of Athens.

Reference point—Top of blocks over casing 0.5 feet above ground.

Elevation of reference point—122, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—120 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 1439C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Sept. 19.....	110.5	Jan. 3.....	79 1	April 16.....	89 8
		April 29.....	107 6	May 15.....	84 6
		Dec. 4.....	80 2	Dec. 3.....	83 0

Measurements from Los Angeles County Flood Control District.

B-60-J-9, GOODYEAR TIRE AND RUBBER COMPANY, NO. 2. MAP 2

Log Available.

Location and description—165 feet west of Central Avenue between car tracks in center of Gage Avenue, west of Huntington Park.

Reference point—Base of pump at ground.

Elevation of reference point—162, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Industrial.

Depth of well—328 feet.

Diameter of casing—26-16 inches.

Other numbers used—L. A. D. of W. & P. No. 314, L. A. Co. F. C. D. No. 1441.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Nov. 27.....	*72.0	1930— April 26..... Nov. 13..... Dec. 16.....	74.0 *76.4 76.2	1931— Jan. 29..... April 18..... May 11..... Nov. 10.....	*76.1 76.9 75.7 78.6
1929— Dec. 4.....	*73.5				

* Measurement from Los Angeles Department of Water and Power.

b Measurement by operator.

Measurements from Los Angeles County Flood Control District except as noted.

B-60c-I-19, CITY OF LOS ANGELES, SLAUSON AND COMPTON PUMPING PLANT
NO. 1. MAP 2

Log Available.

Location and description—85 feet south of 57th Street, 20 feet east of Compton Avenue, west of Vernon.

Reference point—Top of casing, south side, 2 feet above ground.

Elevation of reference point—178, from U. S. G. S. topog. by D. W. R.

Use—Municipal.

Depth of well—323 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 1450.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923— Feb. 17.....	*82.5	1927— Aug. 26..... Dec. 8.....	100.0 90.2	1930— Mar. 4..... Sept. 2.....	*116.0 *124.1
1924— Aug. 19.....	*84.0	1928— Dec. 31.....	92.9	1931— Feb. 10..... April 2..... Oct. 20..... Nov. 3..... Dec. 2.....	102.0 105.5 108.7 108.6 106.7
1925— Feb. 15..... May 7.....	*87.0 88.4	1929— Mar. 1..... Aug. 8.....	92.3 *117.9		
1926— May 8.....	90.2				

* Pumping nearby.

Measurements from Los Angeles Department of Water and Power.

B-61f-J-9, C. W. INGLIS. MAP 2

Location and description—100 feet west of Compton Avenue, 250 feet south of 83d Street (back of 8321 Compton Avenue), west of Southgate.

Reference point—Top of 2-inch planking on top of concrete housing 3 feet above ground.

Elevation of reference point—136, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—106 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 1451.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Dec. 12.....	*50.9	1930— Jan. 8..... April 24..... Dec. 15.....	51.2 51.8 52.9	1931— April 16..... May 11..... Dec. 2.....	54.1 53.8 55.1

* Measurement by owner.

Measurements from Los Angeles County Flood Control District.

B-62-J-9, AMERICAN STATES WATER SERVICE COMPANY (FORMERLY LOS ANGELES WATER SERVICE COMPANY, NO. 3). MAP 2

Log Available.

Location and description—South line of 92d Street, 50 feet east of Bellhaven Avenue, west of South-gate. Concrete vault under sidewalk.

Reference point—Base of pump 7 feet below ground.

Elevation of reference point—116, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Municipal.

Depth of well—463 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1444.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—		1930—		1931—	
June 30.....	^a 30	Feb. 27.....	47 0	April 16.....	60 2
		April 29.....	58 4	May 11.....	59 3
1929—		Dec. 8.....	58 2	Dec. 3.....	61 4
Aug. 14.....	58 4				
Aug. 14.....	^b 99 4				
Nov. 2.....	58 4				
Nov. 2.....	^b 108 4				
Dec. 31.....	^a 56 4				
Dec. 31.....	^a ^b 104 4				

^a Measurement by operator.

^b Pumping.

Measurements from Los Angeles County Flood Control District.

B-62c-J-9, CITY OF LOS ANGELES—GREEN MEADOWS NO. 1. MAP 2

Log Available.

Location and description—55 feet east of center line of Wadsworth Avenue, 75 feet north of center line of 99th Street, west of Watts.

Reference point—Top of pump base, at ground.

Elevation of reference point—118, from U. S. G. S. topog. by D. W. R.

Use—Municipal.

Depth of well—600 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 1445B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1929—		1931—	
July 15.....	58 0	Feb. 22.....	47 5	Feb. 17.....	57 5
		Aug. 16.....	71 2	Mar. 24.....	65 7
1927—				May 4.....	62 0
Feb. 9.....	38 9	1930—		June 1.....	65 6
Oct. 18.....	49 3	Jan. 29.....	55 7	July 23.....	^a 79 4
		Aug. 18.....	72 1	Aug. 20.....	^b 73 9
1928—				Sept. 17.....	^b 70 4
Feb. 13.....	41 6			Oct. 6.....	68 2
Oct. 4.....	59 7			Nov. 5.....	66 1
				Dec. 3.....	63 3

^a No. 2 pumping.

^b Down 10 hours.

Measurements from Los Angeles Department of Water and Power.

B-64-K-9, INGRAM ESTATE. MAP 2

Location and description—650 feet north of El Segundo Boulevard, 1.1 miles north of Rosecrans Avenue, 30 feet east of Central Avenue, northwest of Compton.

Reference point—Top of coupling on casing, 0.5 feet above ground.

Elevation of reference point—92, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—200 feet.

Diameter of casing—10 inches.

Other numbers used—S. G. V. P. A. No. 9521; L. A. Co. F. C. D. No. 1448A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1939—		1931—			
Jan. 20.....	36.7	Jan. 15.....	38.1		
Mar. 25.....	33.7	Feb. 16.....	37.3		
April 21.....	40.3	Mar. 30.....	45.5		
May 14.....	39.1	May 4.....	42.8		
June 9.....	49.4	June 11.....	49.9		
June 23.....	46.7	July 23.....	55.1		
Sept. 30.....	52.7	Oct. 14.....	59.6		
Oct. 28.....	48.9	Nov. 23.....	46.2		
Dec. 22.....	41.9	Dec. 22.....	42.1		

Measurements from San Gabriel Valley Protective Association.

B-64d-L-9, RAYMOND BROTHERS AND SISTER (FORMERLY PORTER ESTATE). MAP 3

Location and description—20 feet north of Rosecrans Avenue, 1940 feet east of Central Avenue, 2850 feet west of Compton Avenue, west of Compton.

Reference point—Top of casing, at ground.

Elevation of reference point—90, from U. S. G. S. topog. by S. G. V. P. A.

Use—Irrigation and domestic.

Depth of well—196 feet.

Diameter of casing—10 inches.

Other numbers used—S. G. V. P. A. No. 952-H; L. A. Co. F. C. D. No. 1459.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1939—		1931—			
Jan. 20.....	37.9	Jan. 15.....	41.3		
Mar. 14.....	39.3	Feb. 16.....	40.3		
June 23.....	48.4	April 6.....	57.3		
Aug. 27.....	62.8	May 4.....	46.8		
Oct. 13.....	56.8	Aug. 6.....	56.5		
Dec. 8.....	44.6	Oct. 1.....	59.3		
		Nov. 11.....	52.8		
		Dec. 22.....	45.1		

Measurements from San Gabriel Valley Protective Association.

B-66-J-10, CITY OF HUNTINGTON PARK, NO. 8. MAP 2

Location and description—265 feet west of Albany Street, 205 feet south of Mortimer Street extended, Huntington Park.

Reference point—Top of casing 2 feet above ground.

Elevation of reference point—162, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Municipal.

Depth of well—1506 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 1462.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Dec. 3.....	96.7	Jan. 8.....	95.0	April 19.....	107.1
		April 24.....	103.8	May 18.....	104.9
		Dec. 11.....	102.8	Dec. 2.....	106.8

Measurements from Los Angeles County Flood Control District.

B-66b-J-10, WALNUT PARK MUTUAL WATER COMPANY—OLD NO. 4. MAP 2

Location and description—100 feet south of Florence Avenue and 230 feet east of Santa Fe Avenue, Huntington Park. Southeast of well No. 3.

Reference point—Top of casing, at ground, to and including April 7, 1930; then, top of platform, 1.5 feet above ground.

Elevation of reference point—157 to and including April 7, 1930; then, 158.5; from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—700 feet. Caved in at 200 feet.

Diameter of casing—14 inches.

Other numbers used—S. G. V. P. A. No. 1030-E; L. A. Co. F. C. D. No. 1472

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
April 19.....	66.6	Feb. 12.....	69.5	Feb. 12.....	71.4
June 28.....	69.5	Mar. 14.....	69.3	April 16.....	72.6
Aug. 5.....	70.7	April 7.....	73.4	June 11.....	72.8
Nov. 26.....	70.1	July 3.....	71.6	Oct. 8.....	74.0
Dec. 30.....	73.4	Sept. 18.....	72.9	Dec. 23.....	73.5
		Nov. 27.....	72.3		
		Dec. 24.....	74.0		

Measurements from San Gabriel Valley Protective Association.

B-67-K-10, L. C. BROWN. MAP 2

Location and description—100 feet north of 105th Street, 150 feet east of Anzac Street, Watts.

Reference point—Top of 2-inch pipe 1 foot above ground.

Elevation of reference point—104, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—65 feet.

Diameter of casing—2 inches.

Other numbers used—L. A. Co. F. C. D. No. 1465.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 11.....	21.8	April 18.....	25.7		
April 28.....	23.2	May 12.....	24.3		
Dec. 8.....	24.3	Dec. 8.....	26.5		

Measurements from Los Angeles County Flood Control District.

B-67c-J-10, MAGNOLIA PARK WATER COMPANY. MAP 2

Location and description—170 feet west of Truba Avenue, 45 feet south of Southern Avenue, Southgate.

Reference point—Bottom of 10-inch I beams supporting pump at ground.

Elevation of reference point—120, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—264 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1474B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 17.....	34.2	April 16.....	41.5		
April 24.....	37.0	May 12.....	41.2		
Dec. 11.....	38.2	Nov. 30.....	39.8		

Measurements from Los Angeles County Flood Control District.

B-68-K-10, BILL BULLIS. MAP 2

Location and description—100 feet east of Alameda Street, 250 feet north of Lynwood Road, Lynwood.

Reference point—Top of wooden curbing around 5-foot pit 1 foot above ground.

Elevation of reference point—91, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Diameter of casing—4 inches.

Other numbers used—L. A. Co. F. C. D. No. 1477.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 12.....	21 9	April 14.....	39 4		
April 28.....	29 7	May 12.....	34 5		
Dec. 4.....	30 3	Dec. 3.....	28 0		

Measurements from Los Angeles County Flood Control District.

B-69-K-9, WILLOWBROOK PARK MUTUAL WATER COMPANY. MAP 2

Location and description—45 feet south of Banning Avenue (from east), 180 feet west of Wilmington Avenue, 190 feet south of Banning Avenue (to west), north of Compton.

Reference point—Top of concrete around casing, 0.1 feet above ground, to and including August 28, 1929; then, platform under recorder, 0.5 feet above ground.

Elevation of reference point—86.1, to and including August 28, 1929; then, 86.5; from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Depth of well—250 feet.

Diameter of casing—12 inches.

Other numbers used—S. G. V. P. A. No. 952-A; L. A. Co. F. C. D. No. 1468.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 8.....	20 0	Jan. 3.....	29 6	Feb. 19.....	26 5
April 19.....	22 0	Feb. 13.....	23 0	April 15.....	44 4
May 24.....	31 9	Mar. 20.....	23 3	April 30.....	33 4
June 19.....	41 0	May 15.....	34 8	June 11.....	46 2
July 29.....	37 2	June 26.....	43 1	July 16.....	50 6
Aug. 28.....	40 4	Sept. 4.....	49 9	Aug. 27.....	51 5
Sept. 25.....	35 3	Oct. 23.....	40 0	Oct. 28.....	40 2
Oct. 25.....	37 8	Dec. 24.....	31 0	Dec. 23.....	31 2
Nov. 29.....	31 2				
Dec. 27.....	29 1				

Measurements from San Gabriel Valley Protective Association.

B-69d-L-10, FRANCIS E. BARRON. MAP 3

Log Available

Location and description—10 feet east of Compton Avenue, 350 feet south of Orange Street, 100 feet north of Maple Street, Compton.

Reference point—Hole in 2" x 8" plug, 2 feet above ground.

Elevation of reference point—78, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—260 feet.

Diameter of casing—7 inches.

Other numbers used—L. A. D. of W. & P. No. 153; L. A. Co. F. C. D. No. 1469B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1928—		1931—	
April 20.....	Flowing	Sept. 7.....	32 6	Feb. 11.....	21 3
1925—		1929—		April 3.....	37 0
Dec. 10.....	10 8	Jan. 22.....	16 0	May 5.....	28 8
1926—		Sept. 6.....	38 0	Aug. 7.....	43 9
Oct. 8.....	21 6	1930—		Dec. 4.....	30 5
1927—		Feb. 4.....	19 8		
Jan. 13.....	10 5	Sept. 8.....	42 2		

Measurements from Los Angeles Department of Water and Power.

B-70-I-10, MR. WINGER. MAP 2

Location and description—350 feet west of Boyle Avenue (State Street), 275 feet south of Fruitland Avenue, Vernon.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—186, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—180 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 1480.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 17.....	*80.6	April 18.....	83.6		
Dec. 15.....	82.8	Dec. 2.....	85.3		

* Pumping slowly.

Measurements from Los Angeles County Flood Control District.

B-70b-J-10, CITY OF HUNTINGTON PARK, NO. 4. MAP 2

Location and description—340 feet south of Slauson Avenue, 75 feet east of Miles Avenue (Soto Street), Huntington Park.

Reference point—Top of casing at floor at ground.

Elevation of reference point—176, from U. S. G. S. topog. by D. W. R.

Use—Municipal.

Depth of well—900 feet.

Diameter of casing—18 inches to 180 feet, 12 inches to 900 feet.

Other numbers used—L. A. Co. F. C. D. No. 1481.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Mar. 9.....	*79.2	Dec. 11....	90.5	May 2.....	90.0
Dec. 3.....	81.0			Dec. 6.....	92.3
				Dec. 11.....	90.5

* Measurement by owner.

Measurements from Los Angeles County Flood Control District.

B-71a-J-10, BELL WATER COMPANY. MAP 2

Log Available

Location and description—30 feet east of U. P. R. R., 25 feet south of Gage Avenue, west of Bell.

Reference point—Top of pump house floor, at ground.

Elevation of reference point—156, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—636 feet.

Diameter of casing—12 inches to 200 feet; 10 inches to 430 feet; 8 inches to 636 feet.

Other numbers used—L. A. Co. F. C. D. No. 1492.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Mar. 4.....	56.0	April 18.....	62.5		
Dec. 1.....	60.4	Dec. 2.....	62.0		

Measurements from Los Angeles County Flood Control District.

B-72b-J-10, J. A. DUNHAM. MAP 2

Location and description—100 feet west of State Street, 0.3 miles north of Tweedy Boulevard, Southgate.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—107, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—90 feet.

Diameter of casing—4 inches.

Other numbers used—L. A. Co. F. C. D. No. 1485B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 20.....	16.5	April 14.....	20.5		
Dec. 11.....	18.3	May 12.....	19.3		
		Nov. 30.....	20.5		

Measurements from Los Angeles County Flood Control District.

B-72e-K-10, A. L. DODOFF (FORMERLY H. G. ROBERTSON). MAP 2

Location and description—50 feet west of San Gabriel Avenue, 350 feet north of Tweedy Road, Southgate.

Reference point—Top of concrete bed and casing, 0.8 feet above ground.

Elevation of reference point—107, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—400 feet.

Diameter of casing—6 inches.

Other numbers used—S. G. V. P. A. No. 869; D. W. R. Bulltins 5 and 6, No. 869-A-8; L. A. Co. F. C. D. No. 1495.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 18.....	21.6	Jan. 8.....	*19.8	Feb. 18.....	*19.7
Dec. 20.....	16.2	April 28.....	*20.8	April 8.....	*24.0
		Dec. 1.....	*21.5	May 6.....	*22.2
1929—				June 24.....	*26.9
Jan. 8.....	16.6			July 26.....	*28.1
April 25.....	17.0			Oct. 9.....	*26.6
June 3.....	*20.8			Nov. 30.....	*23.5
Aug. 28.....	24.3			Dec. 11.....	*23.0
Dec. 20.....	20.0				

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

B-73-K-10, MR. NICHOLLS. MAP 2

Location and description—25 feet east of Bullis Road, 800 feet south of P. E. Ry. at Lugo Station, 200 feet south of Lynwood Road, Lynwood.

Reference point—Top of ¾-inch pipe in concrete cap over casing, 1 foot above ground.

Elevation of reference point—85, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—5 inches.

Other numbers used—L. A. Co. F. C. D. No. 1497.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Sept. 9.....	20.7	Jan. 3.....	14.2	April 14.....	22.7
		April 25.....	15.2	May 12.....	17.8
		Dec. 1.....	14.9	Dec. 3.....	16.9

Measurements from Los Angeles County Flood Control District.

B-74-K-10, LOS ANGELES COUNTY WATER DISTRICT, NO. 5. MAP 2

Location and description—170 feet north of Banning Avenue, 750 feet east of Bell-Vernon Avenue, 2600 feet east of Alameda Street, Lynwood

Reference point—Top of casing and concrete block, 1 foot above ground.

Elevation of reference point—82, from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Depth of well—337 feet.

Diameter of casing—12 inches.

Other numbers used—S. G. V. P. A. No. 952-F; L. A. Co. F. C. D. No. 1488.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1930—			
Aug. 24.....	17.9	Feb. 4.....	7.7		
Oct. 29.....	13.8	Mar. 25.....	8.0		
Dec. 17.....	10.5	May 26.....	14.0		
Dec. 30.....	12.0	June 9.....	14.7		
		June 23.....	Destroyed		

Measurements from San Gabriel Valley Protective Association.

B-74f-L-10, GEORGE VON BREYMAN. MAP 3

Location and description—40 feet east of Temple Street, 0.15 miles south of Orange Street, Compton.

Reference point—Hole in elbow of suction pipe, 1 foot above ground.

Elevation of reference point—73, to and including July, 1931; then, 67, from U. S. G. S. topog. by D. W. R.

Use—Domestic and irrigation.

Depth of well—187 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 1499.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—		1930—		1931—	
July.....	*9.5	Jan. 3.....	11.2	April 14.....	19.9
		April 25.....	12.7	May 12.....	14.3
1929—	*16.0	Dec. 1.....	12.1	Dec. 3.....	11.3
July.....					
Sept. 9.....	17.4				

* Measurement by owner.

Measurements from Los Angeles County Flood Control District.

B-74i-K-10, WILBUR BROTHERS AND TAYLOR. MAP 2

Location and description— $\frac{1}{4}$ mile north of Orange Street, $\frac{1}{4}$ mile east of Long Beach Boulevard, Lynwood.

Reference point—Top of pit.

Elevation of reference point—76, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 159, L. A. Co. F. C. D. No. 1499C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1930—		1931—	
May 9.....	Flowing	Sept. 24.....	27.3	Mar. 4.....	16.2
				Aug. 7.....	31.0
				Sept. 4.....	30.0
				Oct. 5.....	27.9
				Nov. 4.....	24.9

Measurements from Los Angeles Department of Water and Power.

B-76j-J-10, MRS. MARY STUPP. MAP 2

Location and description—175 feet west of Atlantic Boulevard, 750 feet south of Gage Street, Bell.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—140.5, from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Depth of well—103 feet.

Diameter of casing—5 inches.

Other numbers used—S. G. V. P. A. No. 842-A; L. A. Co. F. C. D. No. 1512D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1931—Cont.	
Nov. 13.....	36.9	Feb. 26.....	37.3	Aug. 6.....	42.4
Dec. 28.....	38.4	Mar. 26.....	38.6	Sept. 3.....	42.7
		April 23.....	40.2	Oct. 1.....	42.2
1930—		June 4.....	39.8	Nov. 4.....	41.9
Jan. 4.....	38.6	July 2.....	41.5	Nov. 25.....	41.0
Feb. 13.....	37.2				
Mar. 19.....	37.3				

Measurements from San Gabriel Valley Protective Association.

B-77d-J-11, C. T. STEWART. MAP 2

Location and description—50 feet north and 75 feet east of east end of Santa Ana Street, 0.3 miles west of Wilcox Avenue, west of Los Angeles River, south of Bell.

Reference point—Top of cement pit around well, 1 foot above ground.

Elevation of reference point—115, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Diameter of casing—12 inches.

Other numbers used—S. G. V. P. A. No. 840; D. W. R. Bulletins 5 and 6, No. 840-B-7; L. A. Co. F. C. D. No. 1524.

Date	Dist. R. P. to water surface, feet	Date	Dist. P. P. to water surface, feet	Date	Dist. I. P. to water surface, feet
1928—		1930—		1931—	
Aug. 18.....	27.7	Jan. 7.....	28.2	Jan. 15.....	30.3
Oct. 12.....	27.1	Feb. 12.....	26.3	Feb. 16.....	29.6
Nov. 20.....	24.3	Mar. 25.....	26.0	April 20.....	35.9
Dec. 10.....	23.3	May 14.....	28.8	May 28.....	34.2
		June 17.....	31.7	June 25.....	37.0
1929—		Aug. 11.....	34.8	July 23.....	38.5
Jan. 8.....	23.2	Sept. 23.....	34.9	Sept. 3.....	39.2
April 25.....	23.5	Oct. 28.....	33.5	Oct. 28.....	36.9
May 27.....	27.8	Nov. 24.....	32.5	Nov. 23.....	35.4
July 1.....	29.4	Dec. 8.....	31.0	Dec. 22.....	34.0
Aug. 16.....	31.9				
Sept. 25.....	30.3				
Oct. 29.....	30.1				
Nov. 15.....	31.2				
Dec. 30.....	28.8				

Measurements from San Gabriel Valley Protective Association.

B-78b-J-11, MRS. M. W. McPHERSON. MAP 2

Location and description—800 feet north of Stewart and Gray Road, 0.45 miles north of Tweedy Boulevard, 100 feet east of Atlantic Boulevard, Southgate.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—108, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—165 feet.

Diameter of casing—6 inches.

Other numbers used—S. G. V. P. A. No. 867; D. W. R. Bulletin 6, No. 867-B-7; L. A. Co. F. C. D. No. 1515.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 18.....	*28.7	Jan. 8.....	25.9	April 14.....	34.1
		April 25.....	28.8	May 13.....	30.8
1929—		Dec. 1.....	29.2	Nov. 30.....	31.2
June 3.....	27.5				
July 8.....	30.8				

* Measurement from San Gabriel Valley Protective Association.

Measurements from Los Angeles County Flood Control District except as noted.

B-79-K-10, R. L., F., AND J. N. SNODGRASS, NO. 2. MAP 2

Log Available

Location and description—50 feet south of Norton Avenue (Imperial Highway), 490 feet east of Bullis Road, Lynwood.

Reference point—Top of casing at ground.

Elevation of reference point—93, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—880 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 177; L. A. Co. F. C. D. No. 1506B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 28	17.8	April 11	36 1		
April 24	24 2	May 15	30 3		
Sept. 23	^a 49.4	July 30	^a 41 5		
Dec. 1	26.3	Oct. 20	^a 34 0		
		Nov. 23	^a 29 2		
		Dec. 3	28 0		

^a Measurement from Los Angeles Department of Water and Power.

Measurements from Los Angeles County Flood Control District, except as noted.

B-81-K-10, B. HILDEBRAND, MAP 2

Location and description—100 feet east of Atlantic Boulevard, 600 feet south of P. E. Ry., Lynwood Gardens.

Reference point—Top of 3-inch coupling on well, at ground, to and including June 22, 1930; then, top of curb, at ground, to and including September 17, 1931; then, top of coupling on $\frac{1}{2}$ -inch pipe over well, 0.7 feet above ground.

Elevation of reference point—81 to and including September 17, 1931; then, 81.7; from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—113 feet.

Diameter of casing—3 inches.

Other numbers used—S. G. V. P. A. No. 879-B; L. A. Co. F. C. D. No. 1518A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 24	23.2	Feb. 4	8 1	Jan. 15	11 4
Oct. 1	16.8	April 8	10 4	Feb. 16	10 6
Dec. 17	12.4	May 14	15 3	Mar. 2	13 6
		July 7	22 0	April 20	22 9
		Aug. 27	26 9	May 4	15 3
		Sept. 30	21 3	June 11	24 9
		Nov. 10	18 7	July 9	28 9
		Dec. 6	13 9	Oct. 20	21 7
				Dec. 22	14 6

Measurements from San Gabriel Valley Protective Association.

B-81d-K-11, MONARCH CONSTRUCTION COMPANY (FORMERLY B. T. ROSELLE), MAP 2

Location and description—400 feet east of Wright Road, 20 feet south of Century Boulevard (Morton Road), east of Lynwood. West one of two wells.

Reference point—Top of casing (north side), 1 foot above ground.

Elevation of reference point—84, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—762 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. D. of W. & P. No. 169; L. A. Co. F. C. D. No. 1528C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
Sept. 23	25 7	Feb. 17	12 1	Aug. 26	32 2
		April 10	25 7	Sept. 16	30 3
		May 28	20 6	Oct. 20	25 1
		July 30	31 2	Nov. 25	21 1

Measurements from Los Angeles Department of Water and Power.

NOTE—Flowing during winter of 1923.

B-82-L-10, MRS. W. F. COLLANDER. MAP 3

Location and description—45 feet south of Orange Street, 0.2 miles west of Atlantic Avenue, 100 feet east of Butler Avenue, 90 feet west of B-82a-L-10, east of Compton.

Reference point—Top of board platform over well, 2.2 feet above ground.

Elevation of reference point—78, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—196 feet.

Diameter of casing—10 inches.

Other numbers used—S. G. V. P. A. No. 879-C; L. A. Co. F. C. D. No. 1509.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Sept. 23.....	17.6	Jan. 3.....	11.6	Feb. 26.....	10.0
Oct. 4.....	19.2	Feb. 7.....	6.7	April 16.....	24.4
Dec. 6.....	13.0	Mar. 27.....	6.7	May 7.....	16.8
		April 17.....	12.2	July 23.....	29.4
		June 12.....	20.0	Aug. 27.....	30.5
		July 24.....	25.3	Nov. 11.....	22.7
		Aug. 28.....	28.1	Dec. 23.....	15.0
		Oct. 2.....	23.9		
		Nov. 6.....	21.0		
		Dec. 24.....	13.8		

Measurements from San Gabriel Valley Protective Association.

B-82a-L-10, BATES SISTERS. MAP 3

Location and description—125 feet south of Orange Street, 190 feet east of Butler Avenue, 0.2 miles west of Atlantic Boulevard, east of Compton.

Reference point—Top of casing, 3.0 feet above ground, to and including December 21, 1930; then, top of casing, 2 feet above ground.

Elevation of reference point—79 to and including December 21, 1930; then 78; from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—150 feet.

Diameter of casing—8 inches.

Other numbers used—S. G. V. P. A. No. 879; D. W. R. Bulletin 6, No. 879-A-8; L. A. Co. F. C. D. No. 1509A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
July 18.....	21.7	Feb. 3.....	11.0	Jan. 19.....	12.2
Oct. 24.....	15.0	Mar. 25.....	10.6	Mar. 2.....	13.7
Dec. 20.....	9.4	May 10.....	11.8	Aug. 20.....	26.0
		June 9.....	14.9	Oct. 18.....	20.8
1929—		July 28.....	24.9	Dec. 22.....	14.7
Jan. 8.....	10.3	Aug. 27.....	26.9		
April 25.....	11.6	Oct. 13.....	20.9		
June 8.....	20.4	Dec. 4.....	16.6		
Aug. 23.....	24.1				
Nov. 4.....	18.3				
Dec. 30.....	15.9				

Measurements from San Gabriel Valley Protective Association.

B-82d-L-11, CARPENTER ESTATE. MAP 3

Location and description—100 feet south of Orange Street, 1400 feet east of Gibson Street, east of Compton

Reference point—Top of platform, at ground, to and including January 22, 1929; then hole in casing, west side 1 foot below ground.

Elevation of reference point—75 to and including January 22, 1929; then 74; from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—230 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. D. of W. & P. No. 133; L. A. Co. F. C. D. No. 1519.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1929—		1931—	
April 27.....	Flowing	Jan. 22.....	3 1	Feb. 1.....	5 8
		Aug. 8.....	19 0	April 3.....	17 8
1925—				May 3.....	11 9
Dec. 10.....	Flowing	1930—		Oct. 5.....	16 9
		Feb. 4.....	3 9	Dec. 4.....	10 6
1928—		Sept. 8.....	21 1		
Jan. 10.....	Flowing				
Sept. 7.....	17 8				

Measurements from Los Angeles Department of Water and Power.

B-83-J-11, MR. RAPP. MAP 2

Location and description—50 feet south of Bell Avenue and 100 feet west of Wilcox Avenue, Bell.

Reference point—Top of casing, 1 4 feet above ground.

Elevation of reference point—134, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—189 feet.

Diameter of casing—5 inches.

Other numbers used—S. G. V. P. A. No. 837; D. W. R. Bulletins 5 and 6, No. 837-B-7; U. S. G. S. Downey No. 8; L. A. Co. F. C. D. No. 1522.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1930—	
Nov. 9.....	*37 0	Feb. 14.....	*38 0	Jan. 18.....	42 9
		April 11.....	*39 2	Mar. 7.....	43 6
1928—		June 3.....	*45 0	May 15.....	45 1
Jan. 24.....	*35 0	Sept. 13.....	49 9	Aug. 9.....	58 9
May 23.....	*39 5	Nov. 20.....	47 7	Sept. 5.....	55 1
Aug. 15.....	45 2			Nov. 24.....	^a b
Oct. 19.....	*43 6				
Dec. 20.....	39 1				

^a Measurement from United States Geological Survey.

^b Well clogged at 36 feet.

Measurements from San Gabriel Valley Protective Association except as noted.

B-83i-J-11, WING JICK. MAP 2

Location and description—100 feet south of Gage Avenue, 250 feet west of center of Los Angeles River, east of Bell.

Reference point—Edge of casing, at ground.

Elevation of reference point—131, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Diameter of casing—4 inches.

Other numbers used—L. A. Co. F. C. D. No. 1532.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931			
April 22.....	39 6	April 18.....	45 1		
Nov. 24.....	42 9	May 13.....	44 2		
		Nov. 30.....	46 2		

Measurements from Los Angeles County Flood Control District.

B-84-L-6, CITY OF MANHATTAN BEACH, NO. 1. MAP 3

Log Available.

Location and description—15 feet west of Sepulveda Boulevard, 190 feet south of Eighth Street, Manhattan Beach.

Reference point—Hole in pump base where air line enters, 1.5 feet above ground.

Elevation of reference point—140.5, from levels by City of Manhattan Beach.

Use—Municipal.

Depth of well—1000 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 701B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Nov. 7	154	1931— April 21	^a 162.0	1932— Jan. 14	146.4
1930— Jan. 8	145.6	May 19	159.0		
May 8	^a 148.5				
Dec. 31	^a 153.5				

^a Pump down 10 minutes.

Measurements from Los Angeles County Flood Control District.

B-85-L-7, HERMAN VETTER. MAP 3

Location and description—125 feet north of 16th Street, 400 feet west of Camino Real, 300 feet east of A. T. & S. F. Ry., Hermosa Beach.

Reference point—Top of casing, 2.5 feet above ground.

Elevation of reference point—92, from aneroid by D. W. R.

Use—Domestic.

Depth of well—260 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 703.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928	^a 85	1931— April 21	94.7	1932— Jan. 14	92.4
1930— Jan. 8	90.7	May 14	92.6		
May 8	91.5	Oct. 6	98.6		
Dec. 31	94.0				

^a Measurement by owner.

Measurements from Los Angeles County Flood Control District.

B-86b-M-7, SOUTHERN CALIFORNIA EDISON COMPANY, LTD. MAP 3

Log Available.

Location and description—125 feet north of Anita Street, 300 feet east of Camino Real, Hermosa Beach. Back of ice plant.

Reference point—Narrow crack in top of casing, 1.3 feet above ground.

Elevation of reference point—83, from aneroid by D. W. R.

Use—Not used.

Depth of well—281 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 714.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Jan. 8	85.0	1931— April 21	86.2	1932— Jan. 14	86.1
May 8	85.1	Dec. 10	86.5		
Dec. 31	82.9				

Measurements from Los Angeles County Flood Control District.

B-87-M-7, CALIFORNIA WATER SERVICE COMPANY, OLD No. 5. MAP 3

Log Available.

Location and description—150 feet north of Pearl Street, 90 feet west of Irena Avenue, Redondo Beach.

Reference point—Top of casing, 1½ feet above ground.

Elevation of reference point—97, from aneroid by D. W. R.

Use—Not used.

Depth of well—306 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 716.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Aug. 24.....	101.1	Jan. 28.....	101.8	Jan. 2.....	102.4
Dec. 20.....	101.6	Mar. 4.....	101.4		
		May 13.....	104.1		
1930—		Nov. 4.....	102.4		
Mar. 4.....	101.0	Dec. 2.....	102.0		
May 8.....	100.3				

Measurements from Los Angeles County Flood Control District.

Note.—Connected with old No. 3 by suction pipe through tunnel at bottom of 93-foot pit.

B-89-L-7, CLARENCE S. COOPER. MAP 3

Location and description—75 feet south of Dufur Avenue, 120 feet east of Inglewood-Redondo Road (Wiseburn Avenue), Redondo Beach.

Reference point—1 hole in board cover over casing, 2 feet above ground.

Elevation of reference point—110, from aneroid by D. W. R.

Use—Domestic.

Depth of well—97 feet.

Diameter of casing—4 inches.

Other numbers used—L. A. Co. F. C. D. No. 721.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Aug. 22.....	87.8	April 16.....	89.7	Jan. 14.....	89.2
		May 14.....	88.6		
1930—					
Jan. 8.....	87.4				
May 8.....	87.4				
Dec. 31.....	90.0				

Measurements from Los Angeles County Flood Control District.

B-91-L-7, AMERICAN STATES WATER SERVICE COMPANY, NO. 13. MAP 3

Log Available.

Location and description—140 feet south of Chicago Avenue (Amestoy Avenue), 15 feet west of Fifth Avenue, Lawndale.

Reference point—Top of 2 inch pipe entering casing at bottom of pump, 1 foot above ground.

Elevation of reference point—61, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—438 feet.

Other numbers used—Hays No. 14; L. A. Co. F. C. D. No. 740.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 25.....	61	Jan. 3.....	69.4	Jan. 28.....	67.5
Feb. 7.....	66	Feb. 26.....	65.9	1932—	
		May 8.....	66.4	Jan. 14.....	68.3

Measurements from Los Angeles County Flood Control District.

B-92c-L-7, HAROLD McALLISTER. MAP 3

Location and description—20 feet east of Hawthorne Avenue, 800 feet south of Electric Street, Torrance.

Reference point—Top of casing 1 foot above ground.

Elevation of reference point—101, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic and irrigation.

Depth of well—218 feet.

Diameter of casing—12 inches.

Other numbers used—Hays No. 25; L. A. Co. F; C. D. No. 743A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Jan. 7.....	106.1	Jan. 28.....	107.6	Jan. 14.....	108.1
May 8.....	106.9	April 20.....	109.5		
		May 16.....	109.4		

Measurements from Los Angeles County Flood Control District.

B-92e-L-7, AMERICAN STATES WATER SERVICE COMPANY, NO. 15. MAP 3

Location and description—600 feet north of Riverside-Redondo Boulevard, 1000 feet east of Hawthorne Avenue, northwest of Torrance.

Reference point—Hole for air line in pump base, at ground.

Elevation of reference point—72, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 752A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 27.....	96.5	Feb. 26.....	75.8	April 20.....	80.0
Aug. 27.....	*105.5	May 8.....	76.9	May 4.....	80.4
Sept. 7.....	*113	Dec. 31.....	78.0		
Sept. 7.....	93			1932—	
				Jan. 14.....	78.4

* Pumping.

Measurements from Los Angeles County Flood Control District.

B-94-M-7, BOB VEDA (DR. ELLENWOOD LEASE). MAP 3

Log Available

Location and description—1 mile west of Hawthorne Avenue, 500 feet south of Redondo-Long Beach

Road, 1100 feet east of southeast corner of Redondo Beach city boundary.

Reference point—Hole in pump base, at ground.

Elevation of reference point—110, from aneroid by D. W. R.

Use—Irrigation.

Depth of well—416 feet.

Diameter of casing—16 inches.

Other numbers used—Hays No. 12; L. A. Co. F. C. D. No. 737.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 6.....	116.5	Jan. 31.....	117.0		
May 1.....	117.0	April 25.....	125.1		
		Dec. 17.....	119.0		

Measurements from Los Angeles County Flood Control District.

B-95-N-7, BOB VEDA (DR. ELLENWOOD LEASE, WELL NO. 3). MAP 3

Log Available.

Location and description—60 feet north of Redondo-Wilmington Boulevard, 800 feet east of bend in road, 0.85 miles west of Hawthorne Avenue, southeast of Redondo Beach.

Reference point—Hole in casing under pump base, 2 feet above ground.

Elevation of reference point—110, from aneroid by D. W. R.

Use—Irrigation and domestic.

Depth of well—367 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 739.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 12.....	115.6	Jan. 28.....	117.1		
May 1.....	116.5	May 19.....	118.3		
		Nov. 25.....	119.1		

Measurements from Los Angeles County Flood Control District.

B-95b-N-7, STANDARD OIL COMPANY. MAP 3

Location and description—100 feet north of Lomita Boulevard, 0.2 miles east of Hawthorne Avenue, Torrance.

Reference point—Hole in cover over casing, 1 1/2 feet above ground.

Elevation of reference point—73, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—L. A. Co. F. C. D. No. 758.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Feb. 6.....	81.9	Jan. 28.....	89.1	Jan. 19.....	87.5
May 1.....	82.4	April 14.....	84.0		

Measurements from Los Angeles County Flood Control District.

B-95d-N-8, WESTON RANCH, NO. 3. MAP 3

Log Available.

Location and description—1/2 mile east of Hawthorne Avenue, 3316 feet south of Lomita Boulevard; 0.4 miles north of Redondo-Wilmington Boulevard, Torrance.

Reference point—Hole at base of pump, at ground.

Elevation of reference point—111, from aneroid by D. W. R.

Use—Irrigation.

Depth of well—450 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 759.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920.....	a93	1931—		1932—	
		May 7.....	126.4	Jan. 12.....	128.1
1930—					
May 1.....	117.7				

^a When drilled.

Measurements taken from Los Angeles County Flood Control District.

B-96-L-8, BEN LONG. MAP 3

Log Available.

Location and description—500 feet west of Cypress Avenue, $\frac{1}{4}$ mile south of Amestoy Avenue, west of Gardena.

Reference point—Hole in pump base near oil pipe, 1 foot above ground.

Elevation of reference point—50, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—485 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 770.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926— April 17.....	50	1931— April 14..... May 4.....	66.0 60.9	1932— Jan. 20.....	60.0
1930— May 8..... Dec. 31.....	59.2 59.4				

* When drilled.

Measurements from Los Angeles County Flood Control District.

B-96d-L-8, BEN LONG. MAP 3

Log Available.

Location and description—0.27 miles north of Riverside-Redondo Boulevard, 125 feet east of Cypress Avenue, west of Gardena.

Reference point—Top of 2 inch planks over well at base of pump, 1 foot above ground.

Elevation of reference point—48, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—188 feet.

Diameter of casing—8 inches.

Other numbers used—S. G. V. P. A. No. 953-F; L. A. Co. F. C. D. No. 771A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Oct. 11..... Nov. 24..... Dec. 22.....	60.1 55.4 54.7	1931— Jan. 15..... Feb. 16..... Mar. 23..... April 20..... May 4..... June 11.....	53.9 53.3 56.2 56.7 54.6 56.9	1931—Cont. July 23..... Sept. 3..... Oct. 1..... Nov. 23..... Dec. 22.....	58.6 57.7 57.3 55.2 52.8

Measurements from San Gabriel Valley Protective Association.

B-100-N-8, STANDARD OIL COMPANY, NO. 1. MAP 3

Log Available.

Location and description—2700 feet south of Camino Real, 6300 feet west of Narbonne Avenue, Torrance. At pipe line pumping station.

Reference point—Hole in cover over casing, 0.8 feet above ground.

Elevation of reference point—82, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Industrial and domestic.

Depth of well—404 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 768.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Feb. 8..... May 1.....	90.3 90.5	1931— Jan. 28..... April 21.....	91.6 93.0	1932— Jan. 19.....	95.6

Measurements from Los Angeles County Flood Control District.

B-101-L-8, A. KRUMDICK. MAP 3

Location and description—100 feet north of Riverside-Redono Boulevard, 75 feet east of Arlington Avenue, Gardena.

Reference point—Top of casing, 1.5 feet above ground.

Elevation of reference point—45, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—40 feet.

Diameter of casing—7 inches.

Other numbers used—L.A. Co. F. C. D. No. 781.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Jan. 16.....	48.0	April 16.....	36.1	Jan. 23.....	33.0
May 1.....	49.7	May 4.....	36.0		
Dec. 31.....	42.9				

Measurements from Los Angeles County Flood Control District.

B-101a-L-8, C. G. PURSCHE. MAP 3.

Location and description—On north line of Riverside-Redondo Boulevard, 150 feet west of Arlington Avenue, Gardena.

Reference Point—Top of casing, at ground.

Elevation of reference point—43, from U. S. G. S. topog. by D. W. R.

Use—Abandoned.

Depth of well—200 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 350; L. A. Co. F. C. D. No. 781A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1904—		1913—		1928—	
Dec. 6.....	*32.3	Oct. 15.....	*36.0	July 6.....	41.6
1905—		1914—		Nov. 5.....	35.1
Dec. 14.....	*26.6	Nov. 18.....	*31.9	1929—	
1906—		1915—		Jan. 22.....	32.1
Dec. 14.....	*26.2	Nov. 5.....	*35.0	Aug. 16.....	^b 47.8
1907—		1918—		1930—	
Dec. 24.....	*34.7	Oct. 16.....	*33.8	Jan. 21.....	35.2
1908—		1920—		Feb. 5.....	39.8
Dec. 17.....	*27.3	Nov. 18.....	*14.2	Mar. 28.....	42.6
1909—		1925—		April 28.....	50.4
Oct. 7.....	*31.8	Dec. 20.....	40.1	May 23.....	51.6
1910—		1926—		June 27.....	52.6
Dec. 30.....	*28.8	June 20.....	40.6	July 24.....	48.6
				Aug. 27.....	39.1
				Sept. 25.....	Destroyed

^a Measurement from United States Geological Survey.

^b Pumping.

Measurements from Los Angeles Department of Water and Power except as noted.

NOTE.—Casing had collapsed at 91 feet prior to September 25, 1930.

B-101c-L-8, MR. PETERSON. MAP 3

Location and description—50 feet east of Western Avenue, 300 feet south of Market Street, 0.4 miles south of Riverside-Redondo Boulevard, Gardena.

Reference point—Top of casing, 2 feet above ground.

Elevation of reference point—44, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—42 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 791.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Jan. 16.....	29.6	1931— April 16..... May 4.....	30.5 30.5	1932— Jan. 20.....	30.2

Measurements from Los Angeles County Flood Control District.

B-102-L-8, MRS. JENNIE LEWIS. MAP 3

Log Available

Location and description—150 feet east of Arlington Avenue, $\frac{1}{4}$ mile north of Strawberry Street, Torrance.

Reference point—Top of casing in concrete floor, 0.5 feet above ground.

Elevation of reference point—41, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—261 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 782.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Feb. 6..... May 1..... Dec. 31.....	47.9 50.0 51.0	1931— April 14..... May 12.....	54.0 51.7	1932— Jan. 20.....	50.5

Measurements from Los Angeles County Flood Control District.

B-103-M-8, COLUMBIA STEEL COMPANY, NO. 2. MAP 3

Log Available

Location and description—500 feet south of 208th Street, 1100 feet east of Arlington Avenue, Torrance.

Reference point—Hole where air line enters base of pump, at ground.

Elevation of reference point—65, from U. S. G. S. topog. by D. W. R.

Use—Industrial.

Depth of well—653 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 785.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Feb. 1..... May 1.....	79.5 81.8	1931— Jan. 28..... April 16..... May 12.....	82.0 82.8 81.7	1932— Jan. 13.....	83.5

Measurements from Los Angeles County Flood Control District.

B-103b-L-8, SOUTHERN CALIFORNIA EDISON COMPANY, LTD. MAP 3

Log Available

Location and description—250 feet west of Western Avenue, 300 feet north of 190th Street (Dominquez Street), Torrance.

Reference point—Top of 4" x 6" block over casing 1.5 feet above ground.

Elevation of reference point—58, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Industrial.

Depth of well—550 feet.

Diameter of casing—12 inches.

Other numbers used—S. G. V. P. A. No. 1212, L. A. Co. F. C. D. No. 794.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Jan. 7.....	77.1	Jan. 28.....	76.8	Jan. 13.....	76.2
May 1.....	77.8	April 14.....	85.1		
		May 4.....	75.8		

Measurements from Los Angeles County Flood Control District.

B-105-N-8, BOB VEDA (KETTLER LEASE). MAP 3

Log Available

Location and description—150 feet east of end of Pine Avenue, 0.2 miles east of Eshelm Avenue, south of Torrance.

Reference point—Hole in pump base, at ground.

Elevation of reference point—90, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—495 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 788.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1931—		1932—	
Oct.....	a92	Jan. 28.....	109	Jan. 20.....	105.5
1930—		April 21.....	104		
Feb. 8.....	b104	May 12.....	106		
April 30.....	b104				

a When drilled.

b Not certain, oil in casing.

Measurements from Los Angeles County Flood Control District.

B-105a-M-8, MR. REEVES. MAP 3

Location and description—50 feet east of Halldale Avenue extended, 100 feet south of 228th Street 0.2 miles west of Normandie Avenue, southeast of Torrance.

Reference point—Top of board over casing, 1 foot above ground.

Elevation of reference point—55, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Diameter of casing—5 inches.

Other numbers used—L. A. Co. F. C. D. No. 798.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Jan. 31.....	64.4	Jan. 28.....	66.8	Jan. 20.....	68.5
April 30.....	66.8	April 14.....	67.1		
Dec. 3.....	66.6	May 12.....	67.0		

Measurements from Los Angeles County Flood Control District.

B-106-L-8, AMERICAN STATES WATER SERVICE COMPANY, NO. 2. (FORMERLY GARDENA VALLEY WATER COMPANY). MAP 3

Log Available

Location and description—50 feet south of Amestoy Avenue, 30 feet west of Esther Street extended, Gardena. Wooden pump house.

Reference point—Hole for air line in pump base 0.5 feet above ground.

Elevation of reference point—53, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Municipal.

Depth of well—680 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. D. of W. & P. No. 413; L. A. Co. F. C. D. No. 800.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1930—		1931—	
July 6.....	75.8	Mar. 6.....	70.6	Feb. 19.....	71.7
Nov. 8.....	70.2	May 1.....	^a 73.4	April 22.....	^a 77.9
		Sept. 9.....	80.5	May 9.....	^a 75.2
		Dec. 3.....	^a 104.0	June 12.....	77.3
1929—				Aug. 27.....	81.7
Dec. 12.....	73.8			Sept. 28.....	80.6
				Nov. 17.....	77.7

^a Measurement from Los Angeles County Flood Control District.

Measurements from Los Angeles Department of Water and Power except as noted.

B-106a-L-9, MRS. ROBERTSON. MAP 3

Location and description—200 feet north of Riverside-Redondo Boulevard, 0.22 miles east of Main Street, east of Gardena.

Reference point—Top of casing, 2 feet above ground.

Elevation of reference point—77, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—156 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 820.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 16.....	82.8	April 22.....	^b 32.7		
April 30.....	84.7	May 9.....	85.1		
Dec. 3.....	^a 88.9	Nov. 23.....	90.1		

^a Stopped windmill to measure.

^b Down 10 minutes.

Measurements from Los Angeles County Flood Control District.

B-106b-L-9, SHULER DUNN. MAP 3

Location and description—25 feet east of Broadway, 100 feet north of Olive Street (161st Street), east of Gardena.

Reference point—Top of 4"x4" block over casing, 1.5 feet above ground.

Elevation of reference point—43, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—45 feet.

Diameter of casing—7 inches.

Other numbers used—L. A. Co. F. C. D. No. 821.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 16.....	33.8	April 22.....	37.0		
April 30.....	33.9	May 9.....	34.0		
Dec. 1.....	34.9	Nov. 23.....	34.8		

Measurements from Los Angeles County Flood Control District.

B-108-M-8, F. S. AUSTIN. MAP 3

Location and description—200 feet north of East Road, 130 feet east of Walnut Street, east of Torrance.

Reference point—Top of 6"x6" blocks over casing, 1 foot above ground.

Elevation of reference point—36, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—L. A. Co. F. C. D. No. 805.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 1.....	46.2	April 22.....	47.2		
April 30.....	45.0	May 9.....	46.7		
Dec. 3.....	46.8	Dec. 1.....	47.8		

Measurements from Los Angeles County Flood Control District.

B-109c-M-9, DOMINGUEZ WATER COMPANY. MAP 3

Log Available

Location and description—50 feet south of Carson Street, 0.45 miles east of Harbor Boulevard, north of Wilmington.

Reference point—Top of casing, 2 feet above ground.

Elevation of reference point—29, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—1701 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 826.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 16.....	18.2	April 15.....	20.2		
April 30.....	18.4	May 8.....	19.7		
Dec. 3.....	19.7	Sept. 2.....	21.9		
		Nov. 23.....	21.7		

Measurements from Los Angeles County Flood Control District.

B-109d-M-9, J. E. HOEPTNER. MAP 3

Location and description—125 feet east of Main Street, 0.18 miles south of Carson Street, north of Wilmington.

Reference point—Top of clamp 0.3 feet above ground, to and including June 10, 1930; then, top of casing 2.8 feet above ground.

Elevation of reference point—38 to and including June 10, 1930; then, 40.5 from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—200 feet.

Diameter of casing—4 inches.

Other numbers used—S. G. V. P. A. No. 921A; L. A. Co. F. C. D. No. 827.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
Feb. 8.....	34.6	Jan. 13.....	36.8	Aug. 21.....	41.0
Mar. 4.....	34.6	Feb. 17.....	36.0	Sept. 17.....	40.7
April 22.....	37.1	Mar. 17.....	36.5	Oct. 15.....	41.4
May 15.....	35.2	April 14.....	39.7	Nov. 24.....	39.2
June 10.....	38.0	May 7.....	37.2	Dec. 23.....	38.1
July 8.....	38.1	June 26.....	40.9		
Aug. 28.....	39.9				
Nov. 25.....	39.1				
Dec. 23.....	38.2				

Measurements from San Gabriel Valley Protective Association.

B-110a-N-9, FRED FIESEL, MAP 3

Location and description—100 feet east of Vermont Avenue, 1500 feet north of Rocha Street, north of Wilmington.

Reference point—Top of casing, 1.1 feet above ground.

Elevation of reference point—46, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—220 feet.

Diameter of casing—7 inches.

Other numbers used—L. A. Co. F. C. D. No. 818.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 31.....	65.6	April 15.....	69.2		
April 30.....	70.4	May 8.....	68.0		
Dec. 3.....	68.1	Dec. 1.....	68.8		

Measurements from Los Angeles County Flood Control District.

B-110b-N-9, TED KLEINMEYER, MAP 3

Location and description—195 feet west of Main Street, 210 feet north of Rocha Street, north of Wilmington.

Reference point— $\frac{3}{8}$ -inch hole in cover at base of pump, 1 foot above ground.

Elevation of reference point—43, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—120 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 829.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 11.....	67.6	April 15.....	71.6		
April 26.....	70.0	May 9.....	70.1		
Dec. 3.....	70.2	Nov. 23.....	72.8		

Measurements from Los Angeles County Flood Control District.

B-111-L-9, MRS. M. CONDREN, MAP 3

Location and description—50 feet west of Avalon Boulevard, 100 feet south of Palm Avenue (165th Street), east of Gardena.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—55, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—90 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 831B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 4.....	53.9	April 22.....	58.3		
April 30.....	53.8	May 8.....	55.9		
Dec. 5.....	55.8	Nov. 23.....	57.4		

Measurements from Los Angeles County Flood Control District.

B-112-L-9, JOHN LARRONDE. MAP 3

Location and description—50 feet south of Victoria Street, 50 feet west of Avalon Boulevard, south-east of Gardena.

Reference point—Hole in base of pump, at ground.

Elevation of reference point—45, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 833.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 31.....	48 7	May 9.....	50 3		
April 28.....	48 6	Nov. 23.....	52 8		
Dec. 3.....	50 4				

Measurements from Los Angeles County Flood Control District.

B-113-M-9, DOMINGUEZ RANCH COMPANY, NO. 1. MAP 3

Log Available.

Location and description—400 feet west of Avalon Boulevard, 1.1 miles south of Victoria Street east of Torrance.

Reference point— $\frac{3}{4}$ -inch hole bored through wooden plug in top of casing, 2 feet below ground.

Elevation of reference point—12, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—751 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 834.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 21.....	28 3	April 22.....	36 2		
April 28.....	29 4	May 9.....	35 3		
Aug. 30.....	35 8	Nov. 23.....	35 7		
Sept. 27.....	34 4				
Dec. 3.....	33 9				

Measurements from Los Angeles County Flood Control District.

B-115a-N-9, SOUTHERN CALIFORNIA EDISON COMPANY, LTD. MAP 3

Log Available.

Location and description—100 feet south of Rocha Street, 300 feet east of Broad Street, northeast of Wilmington.

Reference point—Top of open casing, 2 feet above ground.

Elevation of reference point—40, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Industrial.

Depth of well—550 feet.

Diameter of casing—12 inches.

Other numbers used—S. G. V. P. A. No. 924B; L. A. Co. F. C. D. No. 839A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 31.....	62 4	May 9.....	63 2		
April 26.....	65 0	Nov. 23.....	65 9		
Dec. 3.....	66 0				

Measurements from Los Angeles County Flood Control District.

B-115b-N-9, EDWIN W. SANDERSON. MAP 3

Log Available.

Location and description—135 feet west of Broad Street, 400 feet north of Lomita Boulevard (Reyes Street), 85 feet south of 248th Street, 300 feet east of Avalon Boulevard, northeast of Wilmington.

Reference point—Top of casing, south side at ground.

Elevation of reference point—43, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—415 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. D. of W. & P. No. 69; L. A. Co. F. C. D. No. 839B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1928—		1931—	
Mar. 30.....	47 9	Aug. 30.....	68 7	Feb. 11.....	71 8
1926—		1929—		April 3.....	73 8
Nov. 11.....	64 8	Jan. 22.....	65 4	May 5.....	73 1
1927—		Aug. 8.....	75 5	July 7.....	76 2
Aug. 3.....	69 4	1930—		Aug. 7.....	77 5
		Jan. 6.....	70 2	Sept. 4.....	76 8
		Aug. 5.....	77 0	Oct. 5.....	76 3
				Nov. 4.....	75 5
				Dec. 4.....	73 5

Measurements from Los Angeles Department of Water and Power.

B-115g-N-9, RICHFIELD OIL COMPANY, NO. 3. MAP 3

Log Available.

Location and description—1060 feet north of point on Rocha Street, 1700 feet west of Alameda Street, west of Long Beach. At refinery.

Reference point—Ground.

Elevation of reference point—35, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Industrial.

Depth of well—800 feet.

Diameter of casing—24 inches.

Other numbers used—L. A. Co. F. C. D. No. 858B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—		1927—		1929—	
April 11.....	45	Jan. 1.....	66 8	Jan. 1.....	63 0
Aug. 13.....	63 3	May 1.....	69 1	April 1.....	70 5
1925—		June 1.....	76 2	May 1.....	67 8
Feb. 1.....	51 3	Aug. 1.....	79 5	Aug. 1.....	76 9
Sept. 1.....	68 5	Dec. 1.....	72 9	Nov. 1.....	77 9
Dec. 1.....	62 9	1928—		1930—	
1926—		Jan. 1.....	63 1	Jan. 1.....	72 3
Jan. 1.....	59 5	Feb. 1.....	58 8	Mar. 1.....	71 7
July 1.....	74 0	Aug. 1.....	72 0	Nov. 6.....	79 0
Dec. 1.....	65 7	Dec. 1.....	63 7	Dec. 2.....	74 0
				1931—	
				April 1.....	73 3
				June 1.....	71 5

Measurements from Los Angeles County Flood Control District.

B-116-L-10, H. B. SCHILDWACHER. MAP 3

Location and description—500 feet east of Compton Avenue, 100 feet north of Olive Street, Compton.
Reference point—Top of casing, 1.3 feet above ground.
Elevation of reference point—71, from U. S. G. S. topog. by D. W. R.
Use—Not used.
Depth of well—110 feet.
Diameter of casing—7 inches.
Other numbers used—S. G. V. P. A. No. 951A; L. A. Co. F. C. D. No. 861.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 8.....	30 8	Jan. 7.....	36 8	Feb. 23.....	37.1
April 19.....	30 5	Mar. 25.....	33 0	April 20.....	43 6
May 24.....	36 1	May 26.....	39 4	May 4.....	40 4
June 28.....	48 1	Aug. 11.....	46 4	June 11.....	45.1
July 13.....	43 3	Oct. 28.....	43 8	July 23.....	52 2
Sept. 28.....	40 6	Dec. 22.....	40 4	Sept. 3.....	48 4
Nov. 26.....	38.9			Oct. 28.....	46 7
				Dec. 22.....	42 4

Measurements from San Gabriel Valley Protective Association.

B-116c-L-10, CITY OF COMPTON, MAGNOLIA PLANT NO. 4. MAP 3

Log Available.

Location and description—75 feet north of Magnolia Street, 500 feet east of P. E. Ry., 100 feet west of Tamarind Street, Compton.
Reference point—(a) Bottom edge of pump base, 0.5 feet above ground; (b) top of coupling on air line, 0.9 feet above ground.
Elevation of reference point—(a) 68.5; (b) 68.9; from U. S. G. S. topog. by D. W. R.
Use—Domestic.
Depth of well—714 feet.
Diameter of casing—16 inches.
Other numbers used—S. G. V. P. A. No. 952C; L. A. Co. F. C. D. No. 870.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 12.....	^a 37 3	Jan. 16.....	^a 32 2	Jan. 15.....	^b 34 7
Sept. 26.....	^a 38 9	Mar. 14.....	^a 28.8	Mar. 2.....	^a 27 0
Nov. 12.....	^a 36 5	May 2.....	^a 31 4	May 15.....	^a 38 1
		Aug. 11.....	^b 34 9		
		Oct. 13.....	^b 33 6		
		Dec. 4.....	^a 32 5		

^a Reference point (a) used.

^b Reference point (b) used.

^c Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

B-117-L-10, I. W. HELLMAN RANCH. MAP 3

Location and description—100 feet east of Wilmington Avenue, 0.6 miles north of Victoria Street, southwest of Compton.
Reference point—Top of blocks over casing, 2 feet above ground.
Elevation of reference point—99, from U. S. G. S. topog. by L. A. Co. F. C. D.
Use—Domestic.
Diameter of casing—7 inches.
Other numbers used—L. A. Co. F. C. D. No. 862.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 31.....	65.9	April 25.....	74 8		
April 28.....	68 5	May 15.....	73 8		
Dec. 5.....	71 5	Nov. 23.....	73 8		

Measurements from Los Angeles County Flood Control District.

B-118-M-10, JESUS CRUZ. MAP 3

Location and description—50 feet south of Los Angeles Street (Delano Street), 600 feet west of Alameda Street, south of Compton.

Reference point—Top of casing, at ground.

Elevation of reference point—34, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—175 feet.

Diameter of casing—10 inches.

Other numbers used—W. S. P. 138, No. 839, Downey; L. A. Co. F. C. D. No. 875.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1904—	a7	1930—		1931—	
		Feb. 1	30.6	April 25	43.7
		April 25	30.2	May 9	41.4
		Oct. 15	38.0	Nov. 23	38.7
		Dec. 1	36.6		

a Measurement from W. S. P. 138.

Measurements from Los Angeles County Flood Control District.

B-118e-M-10, MARTIN BROTHERS. MAP 3

Location and description—0.2 miles north of Dominguez Street, 150 feet west of Rice Street, 0.27 miles west of Alameda Street, south of Compton.

Reference point—Top of clamp, 1.3 feet above ground.

Elevation of reference point—31, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—185 feet.

Diameter of casing—7 inches.

Other numbers used—L. A. D. of W. & P. No. 14; S. G. V. P. A. No. 922-D; L. A. Co. F. C. D. No. 875F.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1930—		1931—	
Mar. 27	a18.3	Feb. 8	29.2	Feb. 17	32.4
		Mar. 17	a28.4	Mar. 4	a34.7
1923—		April 22	31.5	April 3	a43.6
Oct. 24	a34.5	May 15	29.4	May 5	a35.6
		June 10	42.6	June 7	a44.3
1929—		July 29	35.6	Sept. 4	a42.3
Jan. 22	a27.6	Aug. 28	46.8	Dec. 4	a37.2
Nov. 7	a41.7	Oct. 14	39.8		
		Nov. 11	40.0		
		Dec. 23	38.6		

a Measurement from Los Angeles Department of Water and Power.

Measurements from San Gabriel Valley Protective Association except as noted.

B-119-M-9, J. P. HOEPTNER. MAP 3

Location and description—1000 feet south of Carson Street, 150 feet east of Wilmington Avenue, 0.4 miles north of 223d Street, northeast of Wilmington.

Reference point—Top of casing, 2.4 feet above ground.

Elevation of reference point—24, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—200 feet.

Diameter of casing—6 inches.

Other numbers used—S. G. V. P. A. No. 921; D. W. R. Bulletins 5 and 6, No. 921-H-10; L. A. Co. F. C. D. No. 867.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 20.....	*35.8	Jan. 22.....	*34.7	April 25.....	*39.1
Dec. 24.....	31.8	April 28.....	*35.9	May 15.....	*38.3
		Dec. 5.....	*37.5	Nov. 23.....	*39.7
1929—					
April 19.....	32.1				
May 24.....	*34.9				
June 6.....	34.7				
July 8.....	*35.6				
Aug. 5.....	*37.5				

^a Well 500 feet east pumping.

^b Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

B-119q-M-10, P. M. BANGLE. MAP 3

Log Available.

Location and description—100 feet south of 223d Street (Wilmington Street), 300 feet east of Alameda Street, northeast of Wilmington.

Reference point—Top of casing, at ground.

Elevation of reference point—24, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—140 feet.

Diameter of casing—5 inches.

Other numbers used—S. G. V. P. A. No. 925; L. A. D. of W. & P. No. 8; State Div. of E. & I. No. 17, Downey Quad; D. W. R. Bulletins 5 and 6, No. 925-A-10; L. A. Co. F. C. D. No. 877.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 20.....	35.8	Feb. 7.....	20.7	Feb. 11.....	*30.4
Oct. 4.....	*35.5	Mar. 17.....	*26.0	Mar. 17.....	32.6
Dec. 24.....	28.4	April 22.....	35.3	April 21.....	42.1
		May 27.....	37.5	June 5.....	35.2
1929—		June 25.....	41.6	Aug. 6.....	48.7
Jan. 22.....	*25.3	July 29.....	39.2	Aug. 21.....	38.5
April 19.....	31.8	Aug. 28.....	45.5	Oct. 15.....	37.3
May 24.....	33.1	Sept. 16.....	39.6	Nov. 12.....	36.0
July 13.....	35.2	Oct. 28.....	*37.0	Dec. 23.....	32.3
Oct. 10.....	*36.6	Nov. 25.....	36.5		
		Dec. 23.....	37.3		

^a Measurement from Los Angeles Department of Water and Power.

Measurements from San Gabriel Valley Protective Association except as noted.

B-120-N-10, WATSON ESTATE. MAP 3

Log Available.

Location and description—300 feet south of Willow Street, 600 feet west of Long Beach City Limits, west of Long Beach.

Reference point—Top of casing, 11.5 feet below ground, to and including January 22, 1929; then, top of 12x12, at ground.

Elevation of reference point—6.5, to and including January 22, 1929; then 18; from U. S. G. S. topog. by D. W. R.

Use—Irrigation and domestic.

Depth of well—170 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 63; L. A. Co. F. C. D. No. 879A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1929—		1931—	
Mar. 22.....	1 5	Jan. 22.....	11.7	Mar. 4.....	26.1
		Aug. 6.....	27.0	April 3.....	27.7
1927—				May 5.....	26.4
Jan. 13.....	10.7	1930—		June 3.....	28.4
		Mar. 17.....	24.0	Aug. 7.....	30.9
1928—		Oct. 30.....	29.7	Nov. 4.....	28.5
Aug. 30.....	14.0				

Measurements from Los Angeles Department of Water and Power.

B-121b-L-10, DR. J. A. MONK. MAP 3

Log Available

Location and description—20 feet south of Olive Street, 600 feet east of Alameda Street, Compton

Reference point—Top of flange, 1 foot above ground.

Elevation of reference point—65, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—812 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 100; L. A. Co. F. C. D. No. 881A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1929—		1931—	
May 3.....	Flowing	Jan. 22.....	21.6	Mar. 4.....	31.4
		Sept. 6.....	37.4	April 3.....	35.8
1927—				June 3.....	37.2
Jan. 13.....	15.4	1930—		July 7.....	41.9
		Mar. 17.....	27.4	Aug. 7.....	46.5
1928—		Oct. 7.....	41.0	Sept. 4.....	47.1
Jan. 16.....	15.3			Oct. 5.....	45.0
Sept. 27.....	31.8			Nov. 4.....	44.1
				Dec. 4.....	40.4

Measurements from Los Angeles Department of Water and Power.

B-122-L-10, SOUTHERN PACIFIC RAILROAD. MAP 3

Location and description— $\frac{1}{2}$ -mile west of Long Beach Boulevard, 200 feet north of Artesia Avenue, 100 feet west from slough, south of Compton.

Reference point—Top of $1\frac{1}{2}$ inch pipe inside casing, 1 foot above ground, to and including September 16, 1930; then top of 6-inch casing, 0.9 feet above ground.

Elevation of reference point—58 to and including September 16, 1930; then 57.9; from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Diameter of casing—6 inches.

Other numbers used—S. G. V. P. A. No. 880, D. W. R. Bulletins 5 and 6, No. 880-A-9; L. A. Co. F. C. D. No. 882.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 20.....	20 1	Jan. 9.....	*21 7	Jan. 27.....	32 0
Oct. 11.....	18 3	Mar. 27.....	23 3	Feb. 3.....	40 1
Dec. 12.....	13 5	May 2.....	25 1	Mar. 31.....	50 9
		July 8.....	30 9	April 7.....	*22 5
1929—		Sept. 16.....	35 8		
Feb. 14.....	*18 0	Oct. 1.....	25 4		
April 25.....	11 7	Nov. 25.....	35 3		
May 13.....	14 1				
June 17.....	20 7				
July 9.....	*19 0				
Sept. 9.....	22 6				
Nov. 9.....	18 1				
Dec. 21.....	15 0				

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

B-122b-L-10, PACIFIC ELECTRIC RAILWAY COMPANY. MAP 3

Log Available.

Location and description—50 feet west of Alameda Avenue, 400 feet north of crossing over P. E. Ry., south of Compton. Northeast corner of P. E. Ry. substation.

Reference point—Top of board over casing, 1 foot above ground.

Elevation of reference point—48, from U. S. G. S. topog. by D. W. R.

Use—Industrial.

Depth of well—129 feet.

Diameter of casing—7 inches.

Other numbers used—L. A. Co. F. C. D. No. 883.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 31.....	20 7	April 25.....	26 2		
April 25.....	20 5	May 14.....	23 8		
Oct. 15.....	27 8	Nov. 23.....	27 8		
Dec. 1.....	24 9				

Measurements from Los Angeles County Flood Control District.

B-122f-L-10, SHEPHERD ESTATES. MAP 3

Location and description—1160 feet east of Long Beach Boulevard, 2160 feet north of Artesia Avenue, southeast of Compton.

Reference point—Top of posts, 1 foot above ground.

Elevation of reference point—63, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Other numbers used—S. G. V. P. A. No. 883; D. W. R. Bulletins 5 and 6, No. 883-A-9; L. A. Co. F. C. D. No. 892.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Jan. 26.....	4.0	Jan. 7.....	14.3	Feb. 23.....	12.5
Aug. 20.....	17.2	Mar. 19.....	9.7	April 6.....	19.4
Oct. 30.....	13.8	May 2.....	13.9	May 4.....	17.2
Dec. 20.....	6.9	Aug. 12.....	23.4	June 11.....	21.2
		Sept. 16.....	23.7	Aug. 6.....	26.0
1929—		Nov. 11.....	20.7	Oct. 1.....	23.2
April 25.....	7.7	Dec. 9.....	15.7	Dec. 23.....	16.1
June 8.....	15.7				
Sept. 9.....	21.7				
Dec. 17.....	15.1				

Measurements from San Gabriel Valley Protective Association.

B-125d-N-10, MANUEL PIMENTELL. MAP 3

Location and description—660 feet east of Santa Fe Avenue (Perris Road), 660 feet south of Spring Street, Long Beach.

Reference point—Top of casing, 8½ feet below ground, to and including April 13, 1923; then, top of pump base, 1 foot above ground.

Elevation of reference point—12.5 to and including April 13, 1923; then 22; from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—135 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 34; L. A. Co. F. C. D. No. 888D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1930—		1931—	
April 13.....	6.0	Feb. 13.....	25.1	Feb. 11.....	27.2
		Sept. 8.....	30.6	May 5.....	27.9
				June 3.....	29.5
				Aug. 7.....	31.2
				Oct. 5.....	31.8
				Nov. 4.....	30.6
				Dec. 4.....	29.5

Measurements from Los Angeles Department of Water and Power.

B-126f-N-10, OIL OPERATORS, INC., TEST WELL NO. 4. MAP 3

Log Available.

Location and description—65 feet south of Willow Street, 45 feet east of Gale Avenue, Long Beach.

Reference point—Hole in side of casing, 1 foot above ground.

Elevation of reference point—20, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Test well.

Depth of well—131 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 899.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Nov. 29.....	18	Feb. 15.....	22.6	April 22.....	26.0
		April 24.....	23.5	May 9.....	24.8
		Dec. 2.....	25.1	Nov. 24.....	26.3

Measurements from Los Angeles County Flood Control District.

B-127e-M-10, H. E. DICKSON. MAP 3

Location and description—0.35 miles east of Santa Fe Avenue on south line of 223d Street (Wilmington Street), 0.15 miles west of west levee of Los Angeles River, northwest of Long Beach.

Reference point—Top of 2' x 4' in southwest corner, at ground.

Elevation of reference point—28.4, from U. S. G. S. topog. by D. W. R.

Use—Stock and domestic.

Diameter of casing—6 inches.

Other numbers used—S. G. V. P. A. No. 920; D. W. R. Bulletins 5 and 6, No. 920-A-10; L. A. Co. F. C. D. No. 897.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Aug. 20.....	35.0	April 19.....	27.4	Jan. 22.....	28.6
Dec. 24.....	30.0	June 19.....	32.7		
		Aug. 5.....	33.2		

* Measurement from Los Angeles County Flood Control District. Reference point—top of timbers over pit, 0.6 feet above ground.

Measurements from San Gabriel Valley Protective Association except as noted.

B-127g-M-10, BELL RANCH. MAP 3

Location and description—575 feet north of Wardlow Street at head of Fashion Street, 0.38 miles east of Perris Road, Long Beach. 25 feet south of B-127h-M-10.

Reference point—½-inch hole in plank over casing, at ground.

Elevation of reference point—27, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 897C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Oct. 4.....	32.9	Jan. 22.....	28.1	April 22.....	33.7
		April 24.....	28.6	May 9.....	31.8
		Dec. 1.....	33.3	Nov. 24.....	32.9

Measurements from Los Angeles County Flood Control District.

B-127h-M-10, BELL RANCH. MAP 3

Log Available

Location and Description—600 feet north of Wardlow Street at head of Fashion Street, 0.38 miles east of Perris Road, Long Beach.

Reference point—1 hole at base of pump.

Elevation of Reference point—27 from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—900 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 897D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—			
Oct. —.....	69.5	May 9.....	65.3		
Dec. 9.....	65.6	Nov. 24.....	67.3		

Measurements from Los Angeles County Flood Control District.

B-128c-L-10, C. V. HARRIS. MAP 3

Location and description—1300 feet south of Olive Street, 0.64 miles east of Long Beach Boulevard, southeast of Compton.

Reference point—Top of casing, at ground, to and including July 23, 1931; then, top of check valve on 2-inch discharge 2.0 feet above ground, to and including October 1, 1931; then, top of coupling on ½-inch pipe over well, 2.1 feet above ground.

Elevation of reference point—65 to and including July 23, 1931; then 67 to and including October 1, 1931; then 67.1; from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—390 feet.

Diameter of casing—7 inches.

Other numbers used—S. G. V. P. A. No. 884B; L. A. Co. F. C. D. No. 901B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 12.....	19.1	Jan. 21.....	10.3	Feb. 17.....	11.0
Oct. 16.....	17.8	Feb. 4.....	9.8	May 4.....	14.1
Dec. 31.....	14.7	Mar. 27.....	9.0	May 28.....	15.9
		May 2.....	15.8	June 11.....	25.0
		July 9.....	23.0	Aug. 6.....	30.0
		Aug. 12.....	24.1	Oct. 20.....	21.9
		Oct. 14.....	18.7	Nov. 24.....	20.9
		Dec. 9.....	13.9		
				1932—	
				Jan. 8.....	16.0

Measurements from San Gabriel Valley Protective Association.

B-128f-L-10, D. HENDERSON. MAP 3

Location and description—North line of Olive Street, 100 feet west of Gibson Avenue, east of Compton.

Reference point—Top of curb line, east side, 1 foot above ground.

Elevation of reference point—67, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—117 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. D. of W. & P. No. 112; L. A. Co. F. C. D. No. 911B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1930—		1931—Cont.	
April 24.....	7.8	Feb. 4.....	9.0	June 3.....	19.6
		Sept. 8.....	22.5	July 7.....	25.3
1928—				Aug. 7.....	24.4
Oct. 24.....	13.5	1931—		Sept. 4.....	23.2
		Feb. 11.....	11.0	Oct. 5.....	20.2
1929—		Mar. 4.....	12.9	Nov. 4.....	20.7
Oct. 10.....	17.8	April 3.....	18.8	Dec. 4.....	15.6
		May 5.....	14.0		

Measurements from Los Angeles Department of Water and Power.

B-129-L-10, SOUTHERN CALIFORNIA EDISON COMPANY, LTD. MAP 3

Location and description—100 feet south of Artesia Avenue, 350 feet east of Atlantic Drive, 90 feet west of west levee of Los Angeles River, southeast of Compton.

Reference point—Top of pump base at edge of air line hole, 1 foot above ground.

Elevation of reference point—59, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Other numbers used—S. G. V. P. A. No. 929-B; L. A. Co. F. C. D. No. 902.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Sept. 9.....	21.3	Jan. 8.....	17.5	Jan. 13.....	19.1
Nov. 27.....	19.3	Mar. 27.....	13.3	Feb. 17.....	17.6
		May 27.....	16.5	April 14.....	22.0
		July 29.....	26.5	June 26.....	24.2
		Nov. 11.....	23.6	Sept. 4.....	28.8
				Nov. 24.....	25.5
				Dec. 23.....	22.9

Measurements from San Gabriel Valley Protective Association.

B-129b-M-10, BIXBY RANCH. MAP 3

Location and description—500 feet west of Flood Control Channel, 100 feet north of Dominguez Street, 1.34 miles east of Alameda Street, Long Beach.

Reference point—Top of flange, at ground.

Elevation of reference point—36, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—S. G. V. P. A. No. 923A; L. A. Co. F. C. D. No. 906A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 7.	25.5	Feb. 10.	35.3		
April 22.	30.1	May 14.	38.1		
June 10.	33.7	June 11.	39.1		
Sept. 16.	37.8	Sept. 17.	41.5		
Dec. 23.	36.7	Oct. 15.	42.5		
		Dec. 23.	38.0		

Measurements from San Gabriel Valley Protective Association.

B-130e-N-8, WESTON RANCH NO. 7. MAP 3

Log Available

Location and description—1100 feet south of Redondo-Wilmington Boulevard, ¼-mile east of Madison Street, northwest of Wilmington.

Reference point—Hole in pump base, at ground.

Elevation of reference point—190, from aneroid by D. W. R.

Use—Irrigation.

Depth of well—500 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 260A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 1.	196.3	Jan. 31.	197.5	Jan. 12.	200.4
		May 7.	198.5		

Measurements from Los Angeles County Flood Control District.

B-131d-N-8, PALOS VERDES ESTATES, NO. 1. MAP 3

Log Available

Location and description—½-mile south of Redondo-Wilmington Boulevard, 1000 feet east of Narbonne Avenue, west of Wilmington.

Reference point—Top of open casing, at ground.

Elevation of reference point—298, from aneroid by D. W. R.

Use—Abandoned.

Depth of well—606 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 281A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
May 1.	313.6	Jan. 29.	311.5		
		May 7.	312.7		
		Destroyed			

Measurements from Los Angeles County Flood Control District.

B-132-N-8, D. B. LAYLAND. MAP 3

Location and description—100 feet north of Weston Street (Lomita Boulevard), 10 feet west of Senator Avenue, extended, north of Wilmington.

Reference point—Base of pump, 1 foot above ground.

Elevation of reference point—71, from aneroid by D. W. R.

Use—Domestic.

Depth of well—227 feet.

Diameter of casing—7 inches.

Other numbers used—L. A. Co. F. C. D. No. 290.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925-----	*67	1931—		1932—	
1930—		Jan. 17-----	89.3	Jan. 20-----	90.5
Feb. 25-----	88.0	April 14-----	94.0		
April 28-----	87.6	May 7-----	92.7		

* Measurement by owner.

Measurements from Los Angeles County Flood Control District.

B-133-N-8, PALOS VERDES WATER COMPANY, NO. 1. MAP 3

Log Available

Location and description—200 feet north of Anaheim Street, 300 feet east of P. E. Ry., west of Wilmington.

Reference point—Top of concrete pump base, 1 foot above ground.

Elevation of reference point—51, from aneroid by D. W. R.

Use—Municipal.

Depth of well—610 feet.

Diameter of casing—26 inches.

Other numbers used—L. A. Co. F. C. D. No. 301.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—		1927—		1929—	
Aug.-----	54.7	Mar.-----	63.0	April-----	66.2
1925—		Sept.-----	68.5	May 3-----	66.7
Aug.-----	61.0	1928—		June 30-----	69.6
1926—		May-----	64.0	July 5-----	67.8
April-----	61.0	Sept.-----	69.0		
Sept.-----	66.0				

Measurements by owner, obtained from Los Angeles County Flood Control District.

B-133b-O-8, ROYAL PALMS GOLF CLUB, NO. 2. MAP 3

Location and description—0.25 miles north of Channel Street, 1000 feet west of Gaffey Avenue, south of Wilmington.

Reference point—Hole in side of casing, at ground.

Elevation of reference point—8, from aneroid by D. W. R.

Use—Irrigation.

Depth of well—208 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 304.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
April 28-----	*19.0	May 15-----	b21.9		
		Dec. 1-----	16.2		

* No. 3 pumping.

b Stopped 10 minutes.

Measurements from Los Angeles County Flood Control District.

B-133f-N-9, PALOS VERDES ESTATES. MAP 3

Log Available

Location and description—0.43 miles east of Frigate Avenue, 250 feet north of Anaheim Street, 0.65 miles east of P. E. Ry. east of Gaffey Street, Wilmington.

Reference point—Top of casing, at ground.

Elevation of reference point—30, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—910 feet.

Diameter of casing—26 inches to 93 feet; 12 inches to 910 feet.

Other numbers used—L. A. Co. F. C. D. No. 312.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Oct. 24.....	54.8	Jan. 16.....	52.4	May 16.....	55.1
		April 26.....	53.7	Aug. 18.....	57.7
		Dec. 2.....	56.2	Dec. 1.....	56.1

Measurements from Los Angeles County Flood Control District.

B-134-N-9, ROBERT TRACY. MAP 3

Location and description—100 feet west of Bayview Avenue, 150 feet south of Q Street, Wilmington.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—39, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—110 feet.

Diameter of casing—5 inches.

Other numbers used—L. A. Co. F. C. D. No. 320.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
Feb. 11.....	54.6	Jan. 28.....	56.0	July 15.....	60.6
April 26.....	55.0	Mar. 4.....	56.7	Nov. 25.....	58.0
Dec. 1.....	57.0	May 15.....	58.1	Dec. 24.....	58.3
		June 24.....	57.9		

Measurements from Los Angeles County Flood Control District.

B-134c-N-9, CITY OF LOS ANGELES, WILMINGTON PUMPING PLANT NO. 5. MAP 3

Log Available

Location and description—30 feet south of Grant Street, 100 feet east of Eubank Avenue, Wilmington

Reference point—Top of casing, 3 feet above natural ground.

Elevation of reference point—30, from U. S. G. S. bench mark near well by D. W. R.

Use—Municipal.

Depth of well—526 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 341.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Aug. 3.....	*59.2	Jan. 22.....	*53.5	Jan. 13.....	*53.7
		Dec. 4.....	*61.5	Dec. 4.....	*57.4
1928—		1930—			
Feb. 13.....	*49.9	Mar. 17.....	*57.5		
Nov. 28.....	*54.1	Nov. 16.....	65.1		

* Pumping nearby.

Measurements from Los Angeles Department of Water and Power.

B-135-N-9, CONSOLIDATED LUMBER COMPANY. MAP 3

Log Available

Location and description—500 feet west of Badger Avenue, 300 feet south of Anaheim Street, 12 feet east of boiler house in Consolidated Lumber Co. yard, Wilmington.

Reference point—Small hole in cover over casing, 1.5 feet above ground.

Elevation of reference point—14, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—316 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 351A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Oct. 4.....	20.8	1930— Jan. 16.....	17.3	1931— May 15.....	21.8
		April 26.....	16.0	Dec. 1.....	21.8
		July 5.....	18.4		
		Aug. 2.....	17.6		
		Dec. 2.....	21.3		

Measurements from Los Angeles County Flood Control District.

B-135b-O-9, CITY OF LOS ANGELES. MAP 3

Location and description—On Terminal Island, 300 feet south of Dock Street, at Los Angeles City limits, ¼-mile west of turn into Badger Avenue, northeast of San Pedro.

Reference point—Hole in top of cover over casing, 1 foot above ground.

Elevation of reference point—5, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 353.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Feb. 15.....	5.6	1931— May 15.....	6.5		
April 26.....	5.7	Dec. 1.....	6.3		
Dec. 2.....	6.4				

Measurements from Los Angeles County Flood Control District.

B-135c-N-10, LONG BEACH SALT COMPANY. MAP 3

Location and description—2600 feet south of Anaheim Street and 3200 feet east of Badger Avenue, 75 feet northeast of U. P. R.R. on west side of Long Beach Salt Company building, west of Long Beach.

Reference point—Top of casing 0.5 feet above ground.

Elevation of reference point—6, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Industrial.

Depth of well—116 feet.

Diameter of casing—4 inches.

Other numbers used—L. A. Co. F. C. D. No. 362.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Feb. 2.....	8.3	1930— Jan. 16.....	7.2	1931— May 15.....	7.2
		April 26.....	7.5	Dec. 1.....	6.9
		Oct. 15.....	6.4		
		Dec. 2.....	7.3		

Measurements from Los Angeles County Flood Control District.

B-136-N-10, PIONEER PACIFIC WORSTED MILLS. MAP 3

Log Available

Location and description—100 feet north of 17th Street, 25 feet east of Nadeau Avenue, Long Beach
Casing in shallow pump pit.

Reference point—Top of casing, 3½ feet below ground.

Elevation of reference point—7, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—250 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. D. of W. & P. No. 54; S. G. V. P. A. No. 918; D. W. R. Bulletins 5 and 6, No. 918-A-11; L. A. Co. F. C. D. No. 381.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1929—		1931—	
Mar. 20.....	a1 0	Mar. 6.....	a10.1	Jan. 28.....	12.0
		April 19.....	b10.0	Feb. 25.....	12.9
1925—		May 2.....	b10.1	Mar. 4.....	a12.0
Jan. 5.....	a8.0	June 6.....	b11.8	April 1.....	13.2
May 22.....	a8.5	July 9.....	12.0	May 15.....	12.9
		Aug. 5.....	b12.4	June 10.....	13.3
1926—		Nov. 7.....	a14.4	July 8.....	14.2
Jan. 5.....	a8.0			Sept. 2.....	16.0
Dec. 13.....	a10.0	1930—		Oct. 16.....	14.1
		Jan. 22.....	12.5	Nov. 21.....	13.3
1927—		Mar. 17.....	a11.0	Dec. 18.....	12.8
Mar. 14.....	a8.2	April 28.....	13.0		
Nov. 14.....	a10.0	July 19.....	13.0		
		Aug. 23.....	13.7		
1928—		Sept. 20.....	14.4		
Jan. 27.....	a9.6	Oct. 3.....	13.7		
Nov. 5.....	a11.2	Dec. 2.....	13.6		
Dec. 24.....	b11.0				

a Measurement from Los Angeles Department of Water and Power.

b Measurement from San Gabriel Valley Protective Association.

Measurements from Los Angeles County Flood Control District except as noted.

B-136d-N-10, LONG BEACH GAS COMPANY. MAP 3

Log Available

Location and description—160 feet south of S. P. R. R., ¼-mile west of Perris Avenue, 650 feet south of Anaheim Street, Long Beach. Under manhole cover in driveway of Long Beach Gas Company yard, 100 feet west of meter shop.

Reference point—Edge of manhole, at ground.

Elevation of reference point—10, from U. S. G. S. topog. by D. W. R.

Use—Industrial.

Depth of well—137 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 381A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1930—		1931—	
Mar. 22.....	11.1	Jan. 16.....	b15.9	May 15.....	b13.7
May 11.....	9.3	April 24.....	b11.0	Dec. 1.....	b12.9
		June 5.....	13.5		
1929—		Dec. 2.....	b14.3		
May 22.....	12.6				
Sept. 14.....	a b18.1				
Oct. 11.....	17.6				

a Well 75 feet northwest pumping.

b Measurement from Los Angeles County Flood Control District.

Measurements from Los Angeles Department of Water and Power except as noted.

SOUTH COASTAL BASIN INVESTIGATION

Records of Ground Water Levels at
Wells in District "C"

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April 28

1938-
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June 2
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Nov. 12
Dec. 26

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C-1-E-11, VALLEY WATER COMPANY. MAP 1

Log Available

Location and description—150 feet north and 100 feet east of intersection of Michigan Avenue and Hampton Road, northwest of Altadena. West well in center of pump house.

Reference point—Top of 2-inch pipe, 2.5 feet above ground.

Elevation of reference point—1163.4, from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—478 feet.

Diameter of casing—12 inches.

Other numbers used—P. W. D. No. 4A; D. W. R. Bulletins 5 and 6, No. 1-B-2; L. A. Co. F. C. D. No. 4010.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Jan. 15.....	161.0	Jan. 3.....	b206	Jan. 4.....	218.3
April 23.....	^a 164.0	Feb. 1.....	b205	May 12.....	^c 218.7
April 26.....	168.0	Mar. 1.....	b205	May 19.....	218.7
June 3.....	172.0	April 9.....	b204	July 21.....	^d 228.2
June 26.....	174.0	April 30.....	b202	Sept. 1.....	^d 231.5
July 16.....	178.0	June 6.....	b204	Nov. 24.....	231.9
Oct. 31.....	190.6	July 5.....	b209	Dec. 22.....	230.9
		July 4.....	b210		
1929—		Sept. 4.....	b213		
Jan. 6.....	189.1	Sept. 22.....	b217		
May 11.....	188.5	Dec. 6.....	217.2		
Aug. 11.....	b198				
Sept. 10.....	b201				
Oct. 14.....	b205				
Nov. 28.....	b205				
Dec. 10.....	b205				

^a Down 12 hours.

^b Measurement by owner.

^c No. 3 pumping.

^d Measurement from Los Angeles County Flood Control District.

Measurements from Pasadena Water Department except as noted.

C-1k-D-10, VALLEY WATER COMPANY, NO. 4. MAP 1

Log Available

Location and description—250 feet northwest of north end of Hampton Road, 2900 feet north of Michigan Avenue, northwest of Altadena. 50 feet east of reservoir.

Reference point—Base of pump, at ground.

Elevation of reference point—1260, from aneroid by D. W. R.

Use—Domestic and irrigation.

Depth of well—600 feet.

Diameter of casing—20 inches.

Other numbers used—P. W. D. No. 216; L. A. Co. F. C. D. No. 5119A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1929—	
Oct. 17.....	166.5	Jan. 27.....	175.0	Jan. 6.....	265.7
Nov. 10.....	^a 165.5	Feb. 28.....	172.0	May 11.....	267
		Mar. 21.....	154.0		
1925—		April 8.....	152.2	1931—	
April 28.....	177.0	May 10.....	155.5	May 19.....	^b 317.6
		June 22.....	152.0	Nov. 24.....	^b 331.4
1926—		Sept. 24.....	158.0		
April 5.....	174				
May 10.....	163	1928—			
June 2.....	166.5	July 26.....	250.0		
Sept. 10.....	176.5				
Nov. 16.....	178.5				
Dec. 26.....	178.0				

^a Down 10 minutes.

^b Measurement from Los Angeles County Flood Control District.

Measurements from Pasadena Water Department except as noted.

C-3-E-11, LINCOLN AVENUE WATER COMPANY, NO. 3. MAP 1

Log Available

Location and description—60 feet east of Casitas Avenue, 20 feet north of Harriet Avenue produced, Altadena. Drilled well in shallow pit.

Reference point—Top of casing at ground.

Elevation of reference point—1201.7, from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—607 feet.

Diameter of casing—20 inches.

Other numbers used—P. W. D. No. 173; W. S. P. 219, No. 436, Pasadena; D. W. R. Bulletins 5 and 6, No. 3-B-2; L. A. Co. F. C. D. No. 4030.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Feb. 20.....	223 0	Jan. 6.....	251 2	May 5.....	277 7
April 1.....	224 0	Mar. 7.....	247 6	June 16.....	*283 3
May 7.....	232 0	May 13.....	246 3	Aug. 4.....	*292 2
June 12.....	238 0	Nov. 29.....	267 4	Sept. 1.....	*293 9
July 9.....	243 0			Nov. 3.....	*300 0
Nov. 8.....	252 7	1930—		Dec. 24.....	298 3
		May 6.....	260 6		
		Aug. 19.....	273 6		
		Dec. 15.....	283		

* Measurement from Los Angeles County Flood Control District.

Measurements from Pasadena Water Department except as noted.

C-5-E-11, CITY OF PASADENA—VENTURA WELL. MAP 1

Log Available

Location and description—At foot of steep east bank of Arroyo Seco, 100 feet south of Ventura Street, west of Altadena. Drilled well in pump house. No pit.

Reference point—Top of flange on stuffing box, north jack, 1 foot above top of casing, 1 foot above ground.

Elevation of reference point—1069.7, from levels by P. W. D.

Use—Municipal.

Depth of well—489 feet.

Diameter of casing—26 inches.

Other numbers used—P. W. D. No. 175; D. W. R. Bulletins 5 and 6, No. 5-B-2; L. A. Co. F. C. D. No. 4030B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Jan. 16.....	88 0	Jan. 2.....	115 6	Jan. 2.....	^d 137 7
Feb. 15.....	88 6	Feb. 1.....	112 7	Jan. 27.....	^e 129 8
Mar. 15.....	87 4	Mar. 15.....	109 5	April 1.....	^f 122 2
Mar. 31.....	89 5	April 16.....	106 0	May 1.....	^f 123 3
May 9.....	96 5	May 16.....	110 6	June 7.....	^f 132 2
June 19.....	102 8	June 17.....	115 4	July 1.....	^f 137 9
Aug. 7.....	^a 120 3	July 6.....	117 2	Aug. 15.....	141 0
Oct. 16.....	^b 122 8	Aug. 1.....	^c 127 4	Oct. 15.....	^b 146 5
Dec. 15.....	116 3	Sept. 4.....	^c 132 3		
		Oct. 11.....	130 1	1931—	
		Nov. 12.....	132 3	Jan. 2.....	^f 145 5
				Feb. 16.....	^f 139 3
				April 24.....	^f 145 8
				May 1.....	^f 143 0
				June 16.....	^e 155 5
				Oct. 20.....	^f 164 4
				Nov. 16.....	^f 166 8
				Dec. 15.....	^f 160 8

^a Down 80 minutes, Windsor pumping.

^b Down 16 hours, Windsor pumping.

^c Windsor pumping.

^d Down 2½ hours.

^e Down 3 hours.

^f All down.

^g Windsor and Figueroa pumping.

^h Atlanta pumping.

ⁱ Arroyo only pumping.

Measurements from Pasadena Water Department.

C-7-E-11, CITY OF PASADENA—CASITAS AVENUE WELL. MAP 1

Log Available

Location and description—350 feet east of Windsor Avenue, 250 feet north of Verdugo Road produced, Altadena. Casing in deep pit.

Reference point—Top of curb, 1 foot above ground.

Elevation of reference point—1109.7, from levels by P. W. D.

Use—Municipal.

Depth of well—566 feet.

Diameter of casing—18 inches.

Other numbers used—P. W. D. No. 13; W. S. P. 219, No. 435, Pasadena; D. W. R. Bulletins 5 and 6, No. 7-B-2; L. A. Co. F. C. D. No. 4031.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Jan. 16.....	135.7	Jan. 16.....	^b 159.8	Jan. 2.....	191.0
Feb. 1.....	136.7	Mar. 28.....	154.6	Feb. 9.....	^b 185.8
Mar. 1.....	135.5	April 23.....	^c 150.0	Mar. 2.....	^b 181.7
Mar. 31.....	136.7	June 3.....	155.8	April 15.....	^e 192.1
April 14.....	138.4	Aug. 24.....	173.9	May 15.....	^j 189.8
June 1.....	145.1	Sept. 16.....	^d 173.7	July 1.....	^j 201.4
July 2.....	148.8	Nov. 1.....	^e 175.6	Aug. 14.....	^k 202.0
Aug. 1.....	153.7	Dec. 2.....	^e 176.6	Sept. 15.....	^j 210.0
Sept. 15.....	^a 159.4			Oct. 15.....	^m 212.3
Oct. 15.....	159.6	1930—		Dec. 1.....	^b 208.9
Dec. 15.....	160.7	Jan. 2.....	ⁱ 176.8	Dec. 30.....	^b 200.9
		Feb. 1.....	174.2		
		Mar. 1.....	173.9		
		April 1.....	168.9		
		May 15.....	167.6		
		July 16.....	189.7		
		Aug. 26.....	^e 189.5		

^a Ventura and Windsor pumping.

^b Atlanta pumping.

^c Sheldon pumping.

^d Windsor, Ventura and Atlanta pumping.

^e All pumping.

^f All down 3 hours.

^g All down 4½ hours.

^h All down.

ⁱ Windsor and Atlanta pumping.

^j Figueroa and Windsor pumping.

^k Windsor pumping.

^l Windsor, Ventura, Figueroa and Arroyo pumping.

^m Windsor, Ventura and Figueroa pumping.

Measurements from Pasadena Water Department.

C-10-E-11, CITY OF PASADENA—SHELDON AVENUE WELL. MAP 1

Log Available

Location and description—300 feet east of Arroyo Drive, 0.2 miles south of Montana Street, Pasadena. Casing in bottom of 129-foot pit.

Reference point—Top of curb, 1 foot above ground.

Elevation of reference point—1045.2, from levels by P. W. D.

Use—Municipal.

Depth of well—196 feet.

Diameter of casing—18 inches.

Other numbers used—P. W. D. No. 16; W. S. P. 219, No. 437, Pasadena; D. W. R. Bulletins 5 and 6, No. 10-B-2; L. A. Co. F. C. D. No. 4032.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 15.....	80.8	Jan. 2.....	113.4	Jan. 2.....	^f 131.5
Mar. 15.....	81.2	Feb. 1.....	112.7	Feb. 16.....	^f 125.5
Apr. 28.....	^a 87.9	Mar. 1.....	112.7	Mar. 16.....	^d 124.6
Aug. 13.....	^b 92.3	Apr. 1.....	110.1	Apr. 15.....	^e 128.2
Sept. 15.....	94.4	May 1.....	110.9	May 1.....	^f 126.8
Oct. 15.....	96.0	June 2.....	^c 108.0	June 1.....	^b 127.2
Nov. 15.....	97.6	July 1.....	^d 113.2	July 1.....	^b 130.7
Dec. 15.....	97.8	Aug. 1.....	^c 121.2	Nov. 2.....	142.4
		Sept. 2.....	^c 128.3	Dec. 1.....	^f 142.9
		Oct. 1.....	128.6	Dec. 30.....	^f 140.5
1929—		Nov. 3.....	131.6		
Jan. 2.....	97.8	Dec. 1.....	131.7		
Feb. 1.....	96.9				
Mar. 1.....	95.6				
Apr. 1.....	94.1				
May 16.....	95.7				
July 15.....	97.9				
Aug. 28.....	103.8				
Oct. 1.....	108.0				
Nov. 1.....	110.4				
Dec. 2.....	111.9				

^a Down 6 hours.

^b Down 1 week.

^c Ventura and Windsor pumping.

^d Atlanta, Windsor and Figueroa pumping.

^e Figueroa and Atlanta pumping.

^f All down.

^g All pumping.

^h Figueroa and Windsor pumping.

Measurements from Pasadena Water Department.

C-11-E-11, MOUNTAIN VIEW CEMETERY. MAP 1

Log Available

Location and description—200 feet east of Fair Oaks Avenue, 75 feet south of Ventura Street extended, Altadena. Well outside pump house.

Reference point—Top of casing, 0.8 feet above ground.

Elevation of reference point—1188.5, from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—780 feet.

Diameter of casing—16 inches.

Other numbers used—P. W. D. No. 17; W. S. P. 219, No. 76, Pasadena; D. W. R. Bulletins 5 and 6, No. 11-B-2; L. A. Co. F. C. D. No. 4051A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Jan. 30.....	^a 254	Jan. 22.....	264.5	Jan. 4.....	277.3
Apr. 18.....	^a 256	Mar. 7.....	266.7	May 20.....	286.1
May 18.....	265	Aug. 5.....	^b 271.9	Dec. 17.....	282.5
July 27.....	270	Nov. 24.....	275.9		
Oct. 16.....	266.5				
		1930—			
		Aug. 18.....	277.3		
		Dec. 6.....	277.3		

^a Measurement by owner.

^b Down 29 hours.

Measurements from Pasadena Water Department.

C-12-E-11, LAS FLORES WATER COMPANY, NO. 1. MAP 1

Log Available

Location and description—175 feet south of Sacramento Street, 125 feet east of Santa Anita Avenue Altadena. Drilled well in deep pit.

Reference point—Top of 1 beam at floor and ground.

Elevation of reference point—1129.2, from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—505 feet.

Diameter of casing—16 inches.

Other numbers used—P. W. D. No. 18; D. W. R. Bulletins 5 and 6, No. 12-B-2; L. A. Co. F. C. D. No. 4051.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1932—	
Jan. 18.....	205.8	Mar. 7.....	205.6	Jan. 1.....	217.4
Mar. 13.....	205.2	Aug. 1.....	^a 206.7		
May 16.....	204.9	Sept. 20.....	212.4		
July 24.....	205.5	Nov. 29.....	^a 213.2		
Oct. 10.....	206.1				
Dec. 8.....	205.8	1931—			
1929—		Feb. 18.....	212.3		
Jan. 3.....	205.5	May 20.....	211.4		
Mar. 28.....	205.6	July 1.....	212.3		
July 31.....	206.0	Oct. 1.....	220.0		
Nov. 23.....	206.6	Dec. 1.....	220.4		

^a Measurement by owner.

Measurements from Pasadena Water Department.

C-16-F-11, CITY OF PASADENA—COPELIN WELL. MAP 1

Log Available

Location and description—85 feet north of Manzanita Avenue, 100 feet east of Mentone Avenue, Pasadena. 65 feet south of C-15-F-11. Casing in deep pit.

Reference point—Top of wood grating, 1 foot above ground.

Elevation of reference point—916.7, from levels by P. W. D.

Use—Municipal.

Depth of well—700 feet.

Diameter of casing—26 inches.

Other numbers used—P. W. D. No. 28; W. S. P. 219, No. 432, Pasadena; State Div. E. & I. No. 3, Pasadena Quadrangle; D. W. R. Bulletins 5 and 6, No. 16-B-3; L. A. Co. F. C. D. No. 4043A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Jan. 14.....	229.0	Jan. 15.....	^a 261.8	Jan. 2.....	^a 274.6
Feb. 15.....	230.1	Feb. 17.....	^a 263.5	Feb. 16.....	^b 270.7
Mar. 15.....	^a 229.7	Mar. 25.....	258.3	Mar. 16.....	^b 273.0
April 14.....	^a 231.8	April 2.....	258.6	April 15.....	^a 277.5
May 14.....	231.1	May 15.....	^a 263.4	May 1.....	^b 273.5
July 2.....	^a 237.8	June 16.....	^a 266.4	June 1.....	^b 275.9
July 6.....	235.8	Aug. 25.....	^c 269.6	July 1.....	^b 278.1
Aug. 1.....	^a 239.7	Sept. 16.....	^a 272.6	Aug. 14.....	^a 282.9
Aug. 13.....	^b 238.7	Sept. 26.....	268.5	Oct. 15.....	^b 283.5
Sept. 17.....	242.4	Oct. 15.....	^a 273.2	Nov. 16.....	^b 284.0
Nov. 15.....	244.0	Nov. 15.....	^a 272.6	Dec. 15.....	^b 282.7
Dec. 15.....	241.1	Dec. 15.....	^a 274.3		
1929—					
Jan. 16.....	^a 243.9				
Feb. 1.....	243.5				
Mar. 7.....	241.1				
April 16.....	241.2				
May 16.....	243.5				
June 15.....	246.0				
Sept. 5.....	^c 256.5				
Oct. 15.....	^a 257.2				
Nov. 12.....	^c 258.5				

^a Sunset pumping.

^b Sunset down 12 hours.

^c Sunset down 3½ hours.

^d Sunset down 6 hours.

^e Sunset down 7½ hours.

^f Sunset and Copelin down 12 hours.

^g Sunset down 3 hours.

^h Sunset down.

Measurements from Pasadena Water Department.

C-19-F-11, CITY OF PASADENA—SHEEP CORRAL SPRINGS TEST WELL. MAP 1

Location and description—0.2 miles east of Arroyo Boulevard at a point 0.2 miles north of Linda Vista Bridge, Pasadena.

Reference point—Top of casing, 3.3 feet above ground.

Elevation of reference point—789.7, from levels by P. W. D.

Use—Not used.

Depth of well—134 feet.

Diameter of casing—12 inches.

Other numbers used—P. W. D. No. 30, D. W. R. Bulletins 5 and 6, No. 19-B-3; L. A. Co. F. C. D. No. 4034A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—Cont.		1930—Cont.	
Jan. 16.....	99.9	May 16.....	109.2	Sept. 16.....	123.6
Feb. 15.....	99.7	June 15.....	109.6	Oct. 15.....	124.6
Mar. 15.....	99.8	July 15.....	110.6	Nov. 15.....	125.6
April 14.....	100.3	Aug. 16.....	113.9	Dec. 15.....	126.4
May 15.....	101.1	Sept. 16.....	113.3		
June 15.....	102.4	Oct. 15.....	114.6	1931—	
July 16.....	103.3	Nov. 15.....	115.8	Jan. 2.....	126.8
Aug. 16.....	104.4	Dec. 16.....	117.1	Feb. 2.....	127.6
Sept. 17.....	105.5			Mar. 2.....	127.9
Oct. 15.....	106.5	1930—		April 1.....	128.2
Nov. 15.....	107.4	Jan. 15.....	117.1	May 1.....	128.8
Dec. 17.....	108.9	Feb. 14.....	119.1	June 1.....	129.2
		Mar. 17.....	119.7	July 1.....	129.8
1929—		April 15.....	120.0	Aug. 3.....	130.2
Jan. 16.....	108.1	May 15.....	120.4	Sept. 1.....	130.8
Feb. 15.....	108.8	June 16.....	121.0	Oct. 2.....	131.6
Mar. 15.....	108.9	July 17.....	121.7	Nov. 16.....	132.4
April 16.....	108.8	Aug. 15.....	122.4	Dec. 15.....	133.2

Measurements from Pasadena Water Department.

C-22-F-11, CITY OF PASADENA—GARFIELD WELL. MAP 1

Log Available

Location and description—500 feet north of Villa Street, 100 feet west of Euclid Avenue extended, Pasadena. Casing in 167-foot pit.

Reference point—Top of pit, 1 foot above ground.

Elevation of reference point—899.8, from levels by P. W. D.

Use—Municipal.

Depth of well—720 feet.

Diameter of casing—24 inches.

Other numbers used—P. W. D. No. 33; D. W. R. Bulletins 5 and 6, No. 22-B-3; L. A. Co. F. C. D. No. 4054.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Jan. 14.....	215.3	Jan. 2.....	233.7	Jan. 3.....	244.0
Feb. 1.....	*218.7	Jan. 29.....	232.5	Feb. 1.....	242.5
Feb. 15.....	214.1	Mar. 23.....	233.9	Mar. 25.....	244.6
Mar. 1.....	215.4	May 1.....	^b 237.2	May 5.....	249.2
Mar. 15.....	218.6	June 15.....	^b 246.5	Aug. 26.....	^c 256.6
April 3.....	^b 216.2	Sept. 4.....	^b 244.7	Sept. 25.....	^d 258.4
May 8.....	^b 221.0	Oct. 15.....	^b 245.3	Dec. 17.....	^e 265.4
June 1.....	220.0	Nov. 12.....	^b 246.3		
June 19.....	219.9	Dec. 17.....	^b 244.7	1931—	
Aug. 1.....	231.7			Feb. 16.....	260.7
Sept. 4.....	234.4			April 24.....	^f 266.5
Sept. 18.....	^b 231.1			July 27.....	^g 272.3
Nov. 15.....	230.2			Aug. 14.....	^h 273.5
				Oct. 16.....	ⁱ 275.8
				Dec. 15.....	277.5

^a Villa pumping.

^b Villa down.

^c Down 14 hours.

^d Villa down 12 hours.

^e Down 5 hours; Villa down 5 hours.

^f Villa down 15 hours.

^g Villa down 8 hours.

^h Villa down 5 hours.

Measurements from Pasadena Water Department

C-23-F-11, JOHN B. MILLER. MAP 1

Location and description—5 feet east of Grand Avenue, 200 feet north of Columbia Street, Pasadena
Pit in pump house.

Reference point—Floor of pit 8.5 feet below ground.

Elevation of reference point—685.7, from levels by D. W. R.

Use—Irrigation.

Depth of well—144 feet.

Other numbers used—P. W. D. No. 67; D. W. R. Bulletins 5 and 6, No. 22-B-3; L. A. Co. F. C. D. No. 4037.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
May 15.....	8.8	Jan. 3.....	8.3	Mar. 9.....	9.8
Aug. 12.....	9.2	July 29.....	10.0	May 19.....	9.6
Oct. 13.....	8.9	Nov. 29.....	10.0		
		1930—		1932—	
		May 9.....	8.0	Jan. 5.....	Pit dry
		Dec. 12.....	10.9		

Measurements from Pasadena Water Department.

C-24-F-11, CITY OF SOUTH PASADENA—ALLERTON WELL. MAP 1

Location and description—300 feet south of Columbia, 100 feet west of Fairview Avenue, South Pasadena. Casing in shallow pit.

Reference point—Pump base, at ground.

Elevation of reference point—757.7, from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—126 feet.

Diameter of casing—12 inches.

Other numbers used—P. W. D. No. 68; D. W. R. Bulletins 5 and 6, No. 24-B-3; L. A. Co. F. C. D. No. 4047.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 1.....	^a 68.4	May 4.....	69.3	Jan. 27.....	^b 76.6
1929—					
Feb. 8.....	68.2				
Nov. 14.....	68.6				

^a Down 12 hours.

^b Measurement by owner.

Measurements from Pasadena Water Department.

C-27-F-11, CITY OF PASADENA—OHIO STREET NO. 4. MAP 1

Log Available

Location and description—50 feet south of Ohio Street, 170 feet west of Euclid Avenue, Pasadena.
 Reference point—Top of 2-inch T on air line, 2.2 feet above ground, to and including April 1, 1931;
 then, top of casing, 1.5 feet above ground.
 Elevation of reference point—754.9 to and including April 1, 1931; then 754.2; from levels by P. W. D.
 Use—Municipal.
 Depth of well—244 feet.
 Diameter of casing—12 inches.
 Other numbers used—P. W. D. No. 78; D. W. R. Bulletins 5 and 6, No. 27-B-3; L. A. Co. F. C. D.
 No. 4057F.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
May 16.....	101.0	Jan. 3.....	120.3	Jan. 2.....	^b 130.1
June 16.....	107.3	Feb. 1.....	123.0	Feb. 2.....	128.4
Aug. 2.....	115.4	Mar. 17.....	119.4	Mar. 2.....	129.5
Sept. 6.....	^a 114.5	April 15.....	118.8	April 1.....	130.5
Oct. 2.....	117.7	May 15.....	120.6	May 1.....	130.0
Nov. 2.....	^b 113.8	June 19.....	129.8	June 1.....	^c 129.1
Dec. 17.....	111.1	Aug. 26.....	^c 139.3	Aug. 3.....	^c 162.5
		Oct. 1.....	^c 137.8	Oct. 1.....	^c 154.2
1929—		Oct. 15.....	^c 144.5	Oct. 15.....	^c 157.6
Jan. 17.....	107.9	Nov. 15.....	^c 143.0	Nov. 16.....	150.5
Feb. 15.....	^b 108.7	Dec. 1.....	^c 133.6	Dec. 1.....	144.4
Mar. 15.....	107.0				
May 2.....	107.2			1932—	
May 16.....	116.4			Jan. 4.....	143.4
June 17.....	118.7				
July 16.....	124.4				
Aug. 3.....	127.8				
Sept. 2.....	133.4				
Oct. 1.....	^b 130.5				
Nov. 1.....	124.1				
Dec. 2.....	^b 122.9				

^a Graves & Bean down; Euclid down.

^b Graves & Beau down.

^c Ohio No. 5 down 5 hours.

^d Ohio No. 5 down 4 hours.

^e Ohio No. 5 down 2½ hours.

^f Ohio No. 5 down 24 hours.

^g Ohio No. 5 down 2 weeks.

^h Ohio No. 5 down 6 weeks.

ⁱ Alpine pumping.

Measurements from Pasadena Water Department.

C-31a-F-11, TROY LAUNDRY COMPANY—NEW WELL. MAP 1

Log Available

Location and description—100 feet west of Fair Oaks Avenue, opposite end of Fillmore Street, Pasadena. 75 feet north of old well C-31b-F-11.
 Reference point—Pump base 1 foot above ground.
 Elevation of reference point—774, from U. S. G. S. topog, by P. W. D.
 Use—Industrial.
 Depth of well—190 feet.
 Diameter of casing—16 inches.
 Other numbers used—P. W. D. No. 69B; L. A. Co. F. C. D. No. 4046.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Jan. 10.....	111.0	Jan. 4.....	^d 119.9	May 2.....	^d 131.2
May 15.....	^a 111.0	May 11.....	120.9	Dec. 3.....	^d 140.4
July 18.....	^c 132.0	July 30.....	^d 126.7		
Oct. 10.....	^b 117.0	Nov. 30.....	^d 129.4	1931—	
				May 16.....	143.2
				Dec. 22.....	153.2

^a Down 12 hours.

^b Measurement by owner.

^c Pumping.

^d Down all night.

Measurements from Pasadena Water Department.

C-32-F-11, CITY OF SOUTH PASADENA. MAP 1

Log Available

Location and description—105 feet south of Glenarm between U. P. R. R. and A. T. & S. F. Ry., 105 feet east of Raymond Avenue extended, Pasadena. Casing in open. Concrete cover.

Reference point—Top of casing at ground.

Elevation of reference point—747.4, from levels by D. W. R.

Use—Not used.

Depth of well—130 feet.

Diameter of casing—18 inches.

Other numbers used—P. W. D. No. 73; Marengo Water Co. No. 8; J. B. Lippincott No. 4; D. W. R. Bulletins 5 and 6, No. 32-B-3; L. A. Co. F. C. D. No. 4057E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 10.....	^a 88.5	Jan. 2.....	100.8	Jan. 1.....	^b 106.1
May 17.....	^a 88.0	Feb. 3.....	101.0	Feb. 2.....	^b 106.1
July 27.....	94.7	Mar. 3.....	100.8	Mar. 4.....	^b 106.0
Sept. 1.....	96.5	April 3.....	100.5	April 1.....	^b 106.0
Sept. 30.....	95.4	May 3.....	100.9	May 1.....	^b 105.9
Nov. 1.....	95.5	June 1.....	103.1	Aug. 17.....	107.4
Dec. 1.....	95.8	July 1.....	104.3	Dec. 22.....	111.8
		Aug. 1.....	105.0		
1929—		Sept. 1.....	105.5		
Jan. 1.....	96.2	Oct. 1.....	105.8		
Mar. 5.....	96.8	Nov. 1.....	106.1		
April 18.....	97.2	Dec. 1.....	106.1		
May 6.....	97.5				
June 6.....	98.4				
July 10.....	97.6				
Aug. 16.....	97.8				
Sept. 7.....	98.4				
Oct. 15.....	100.3				
Nov. 12.....	100.6				
Dec. 2.....	100.6				

^a Measurement by San Gabriel Valley Water Company.

^b Measurement by owner.

Measurements from Pasadena Water Department.

C-38a-E-12, PASADENA COUNTRY CLUB (NEW WELL). MAP 1

Log Available

Location and description—200 feet north of North New York Avenue, 50 feet west of Sinaloa Avenue, Pasadena. New well in 302-foot pit. Old well (C-38-E-12) in same pit.

Reference point—Base of pump, at ground.

Elevation of reference point—1160.6, from levels by D. W. R.

Use—Irrigation.

Depth of well—704 feet.

Diameter of casing—24 inches.

Other numbers used—P. W. D. No. 22; L. A. Co. F. C. D. No. 4082A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 30.....	367.9	April 26.....	375.4	Jan. 13.....	375.0
		Aug. 22.....	380.5	Dec. 18.....	386.8
1929—		Oct. 11.....	377.0		
Jan. 4.....	369.2	Dec. 4.....	378.2		
May 16.....	^a 371.3				
June 20.....	^b 373.6				
July 25.....	371.3				
Nov. 22.....	^c 373.6				

^a Parker down 12 hours.

^b Parker down 15 hours.

^c Parker down 8 hours.

Measurements from Pasadena Water Department.

C-39-E-12, OAK PARK WATER COMPANY. MAP 1

Log Available

Location and description—50 feet south of New York Avenue, 1,000 feet west of Santa Anita Avenue, Altadena. No pit.

Reference point—Base of pump at ground.

Elevation of reference point—1010.0, from levels by D. W. R.

Use—Domestic.

Depth of well—386 feet.

Diameter of casing—12-14 inches.

Other numbers used—P. W. D. No. 24; W. S. P. 219, No. 82, Pasadena; D. W. R. Bulletins 5 and 6, No. 39-C-2; L. A. Co. F. C. D. No. 4092.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Jan. 27.....	^a 262.6	Jan. 4.....	269.5	May 7.....	280.8
April 13.....	^b 269.5	May 22.....	282.3	Aug. 21.....	281.0
May 3.....	^c 269.5	June 1.....	272.6	Dec. 4.....	283.3
June 19.....	268.4	Aug. 16.....	277.6		
Oct. 24.....	^c 274.2	Nov. 19.....	279.9	1931—	
Oct. 25.....	^c 267.2			May 14.....	274.2
				Dec. 16.....	269.6

^a Down 10 hours.

^b Down 1 hour.

^c Down several hours.

Measurements from Pasadena Water Department.

C-40-E-12, CITY OF PASADENA—NEW POST WELL. MAP 1

Log Available

Location and description—300 feet west of east bank of Eaton Wash and 800 feet north of New York Avenue extended, Pasadena. 100 feet west of C-40a-E-11. Casing in center of pump house, no pit.

Reference point—Base of pump 1 foot above ground.

Elevation of reference point—954.6, from levels by P. W. D.

Use—Municipal.

Depth of well—319 feet.

Diameter of casing—16 inches.

Other numbers used—P. W. D. No. 25; D. W. R. Bulletins 5 and 6, No. 40-C-2; L. A. Co. F. C. D. No. 4102.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Jan. 3.....	46.3	Jan. 10.....	^b 49.7	Jan. 17.....	53.4
Feb. 1.....	46.3	Feb. 15.....	52.6	Mar. 24.....	50.7
Feb. 15.....	45.0	Mar. 15.....	^c 54.4	May 1.....	49.7
Mar. 1.....	43.5	May 7.....	^c 53.1	June 18.....	48.4
April 2.....	^a 43.0	June 14.....	53.7	Aug. 14.....	48.9
May 1.....	43.0	Aug. 2.....	53.8	Sept. 8.....	48.0
May 15.....	45.5	Sept. 16.....	^c 56.2	Nov. 16.....	49.9
June 15.....	47.0	Oct. 22.....	^c 54.9	Dec. 12.....	49.4
Aug. 1.....	48.9				
Sept. 17.....	50.3	1930—			
Nov. 15.....	52.8	Jan. 18.....	55.3		
Dec. 15.....	50.6	Mar. 8.....	53.9		
		April 15.....	55.7		
		April 26.....	54.0		
		Aug. 20.....	59.3		
		Oct. 13.....	53.8		
		Nov. 15.....	54.7		

^a 159 feet to sand.

^b 277 feet to sand.

^c Down 3 hours.

^d Down 8 hours.

^e Down 10 hours.

^f All wells down.

Measurements from Pasadena Water Department.

C-41-E-12, WAGNER NURSERIES. MAP 1

Location and description—300 feet north of Washington Street on west side of Eaton Wash, 0.2 miles east of Santa Anita Avenue, northeast of Pasadena.

Reference point—Top of casing, at ground.

Elevation of reference point—890, from aneroid by D. W. R.

Use—Irrigation.

Depth of well—375 feet.

Diameter of casing—18 inches.

Other numbers used—P. W. D. No. 164; D. W. R. Bulletin 5, No. 41-C-2; L. A. Co. F. C. D. No. 4102B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
June 22	143.3	April 26	157.5	Feb. 1	162.0
Oct. 27	147.2	Aug. 20	159.3	May 14	160.7
		Dec. 4	160.0	Dec. 21	170.2
1929—					
Feb. 28	^a 143.0				
May 8	150.7				
July 29	152.9				
Nov. 25	155.7				

^a Measurement by owner.

Measurements from Pasadena Water Department.

C-42-E-12, FRED WILCOX—SOUTH WELL. MAP 1

Location and description—On line with Washington Street, produced to the east, against east bank of Eaton Wash, northeast of Pasadena. Casing in pump house. No pit

Reference point—Base of pump at ground.

Elevation of reference point—865, from aneroid by P. W. D.

Use—Domestic and irrigation.

Depth of well—400 feet.

Diameter of casing—18 inches.

Other numbers used—P. W. D. No. 165; D. W. R. Bulletins 5 and 6, No. 42-C-2; L. A. Co. F. C. D. No. 4113A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Jan. 27	^a 272.7	Jan. 4	280.1	April 26	290.9
May 9	274.2	Mar. 1	279.1	Aug. 20	293.2
June 21	276.2	May 7	280.5	Dec. 4	297.8
Oct. 25	^b 282.0	July 29	287.2		
Oct. 27	280.8	Nov. 25	291.1	1931—	
				May 14	299.0
				Dec. 18	303.3

^a Down 21 hours.

^b Down 12 hours.

Measurements from Pasadena Water Department.

C-43-F-12, ANDREW RUDDY. MAP 1

Location and description—300 feet north of Paloma Street, 0.15 miles east of P. E. Ry., Sierra Madre Line, northeast of Pasadena. Casing in shallow pit in pump house.

Reference point—Floor of pump house, 1 foot above ground.

Elevation of reference point—800.5, from levels by D. W. R.

Use—Domestic and irrigation.

Diameter of casing—8 inches.

Other numbers used—P. W. D. No. 39; W. S. P. 219, No. 22, Pasadena; D. W. R. Bulletins 5 and 6, No. 43-C-3; L. A. Co. F. C. D. No. 4103.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Jan. 26.....	209.1	Mar. 1.....	216.7	Jan. 26.....	*236.2
May 2.....	208.8	May 8.....	217.5	Mar. 3.....	*235.4
June 21.....	211.3	June 1.....	218.6	May 16.....	237.1
Oct. 27.....	217.6	Nov. 25.....	227.2	Aug. 18.....	*247.0
				Sept. 22.....	*243.0
		1930—		Dec. 23.....	243.8
		May 15.....	228.7		
		Dec. 4.....	236.2		

* Measurement from Los Angeles County Flood Control District.
Measurements from Pasadena Water Department except as noted.

C-44-F-12, CITY OF PASADENA—CRAIG WELL. MAP 1

Log Available

Location and description—150 feet south of Paloma Street, 600 feet west of Craig Avenue, Pasadena. Northeast well of two wells. Casing in deep pit.

Reference point—"X" in top of cement curb at 10-inch well, 1 foot above ground.

Elevation of reference point—879.0, from levels by P. W. D.

Use—Municipal.

Depth of well—1,089 feet.

Diameter of casing—26 inches.

Other numbers used—P. W. D. No. 36; W. S. P. 219, No. 83, Pasadena; State Div. E. & I. No. 71, Pasadena Quadrangle; D. W. R. Bulletins 5 and 6, No. 44-C-3; L. A. Co. F. C. D. No. 4094.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—Cont.		1931—	
Jan. 3.....	279.7	Aug. 28.....	*311.4	Jan. 2.....	*315.5
Jan. 16.....	279.8	Sept. 5.....	*311.4	Feb. 2.....	*312.6
Feb. 15.....	284.9	Oct. 15.....	*311.6	Mar. 2.....	*312.0
Mar. 15.....	283.7	Nov. 12.....	*313.2	May 1.....	*315.5
April 16.....	283.7	Dec. 16.....	312.6	June 15.....	*315.5
May 15.....	286.1			Aug. 14.....	*324.8
June 19.....	294.1	1930—		Sept. 15.....	*324.8
Aug. 18.....	303.4	Jan. 1.....	312.1	Oct. 15.....	*327.8
Sept. 4.....	300.8	Feb. 1.....	307.4	Nov. 16.....	*323.6
Oct. 18.....	305.8	Mar. 1.....	306.8	Dec. 15.....	*323.0
Nov. 15.....	*303.4	April 1.....	304.6		
Dec. 15.....	*298.8	May 1.....	*306.9		
		June 2.....	*309.2		
1929—		June 16.....	313.9		
Jan. 2.....	*297.6	Aug. 15.....	319.6		
Feb. 1.....	*295.3	Sept. 16.....	*317.9		
Mar. 1.....	295.3	Oct. 1.....	317.9		
April 16.....	295.3	Nov. 15.....	*317.4		
May 1.....	295.3	Dec. 15.....	*315.6		
June 17.....	*305.3				

* Monte Vista down.

^b Down 18 hours.

^c Down 4 hours.

^d Down 3 hours.

^e Down 6 hours.

^f Down 10 hours.

^g All east wells down.

^h Monte Vista pumping.

Measurements from Pasadena Water Department.

C-45-F-12, MR. GRAHAM (FORMERLY H. HOFFMAN). MAP 1

Location and description—60 feet south of Foothill Boulevard, 375 feet west of Sierra Madre Villa Avenue, Pasadena. Casing in pump house; no pit.

Reference point—Base of pump; 1.5 feet above ground.

Elevation of reference point—715.9, from levels by D. W. R.

Use—Domestic.

Depth of well—195 feet.

Diameter of casing—12 inches.

Other numbers used—P. W. D. No. 61; W. S. P. 219, No. 23, Pasadena; D. W. R. Bulletins 5 and 6, No. 45-C-3; L. A. Co. F. C. D. No. 4115.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Jan. 30	139.1	Jan. 10	146.5	April 26	^b 156.9
May 2	141.5	May 31	^a 149.0	Dec. 4	^b 166.3
June 20	143.8	July 29	154.0		
Oct. 26	148.7	Nov. 25	157.0	1931—	
				May 14	168.0

^a Chapman Park No. 1 pumped 5 hours.

^b Chapman Park No. 1 and No. 5 down.

Measurements from Pasadena Water Department.

C-47-F-12, MRS. J. N. LANDCASTER. MAP 1

Location and description—400 feet south of Colorado Street, 50 feet west of El Nido Street, Pasadena. Casing in bottom of shallow pit.

Reference point—Edge of pit at ground.

Elevation of reference point—698.8, from levels by D. W. R.

Use—Not used.

Depth of well—296 feet.

Diameter of casing—10 inches.

Other numbers used—P. W. D. No. 58; W. S. P. 219, No. 32, Pasadena; D. W. R. Bulletins 5 and 6, No. 47-C-3; L. A. Co. F. C. D. No. 4115C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Jan. 3	119.0	Jan. 5	126.4	April 26	138.6
Mar. 7	117.3	May 16	131.2	Dec. 2	144.6
June 20	126.1	July 29	143.8		
Oct. 26	139.1	Nov. 26	139.1	1931—	
				May 16	146.9
				Dec. 20	153.0

Measurements from Pasadena Water Department.

C-49-F-12, SAN GABRIEL VALLEY WATER COMPANY, NO. 10-1921-B. MAP 1

Log Available

Location and description—20 feet west of Santa Anita Avenue and 55 feet south of Oswego Street, Pasadena. South well of two wells.

Reference point—Base of pump, at ground.

Elevation of reference point—719.8, from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—399 feet.

Diameter of casing—16 inches.

Other numbers used—P. W. D. No. 55; J. B. Lippincott No. 19; D. W. R. Bulletins 5 and 6, No. 49-C-3; L. A. Co. F. C. D. No. 4105.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 10	^a 133.8	Jan. 1	153.8	Feb. 27	^a 155.1
July 28	^a 142.5	Feb. 1	148.9	May 1	^a 161.9
Oct. 24	^a 145.6	April 1	151.2	July 1	169.7
		June 1	155.8	Sept. 1	173.1
1929—		Sept. 1	160.4	Nov. 1	180.0
Jan. 14	^a 142.5	Nov. 1	164.0	Dec. 10	182.7
May 3	^a 152.9	Dec. 1	160.4		
June 19	143.1				
Dec. 1	153.5				

^a Measurement from Pasadena Water Department.

Measurements from San Gabriel Valley Water Company except as noted.

C-52-F-12, CITY OF PASADENA—OLD WOODBURY WELL. MAP 1

Log Available

Location and description—100 feet south of A. T. & S. F. Ry., 400 feet east of Allen Avenue, Pasadena. Casing in 170-foot pit.

Reference point—Top of curb around pit, at ground.

Elevation of reference point—791.0, from levels by P. W. D.

Use—Municipal.

Depth of well—551 feet.

Diameter of casing—26 inches.

Other numbers used—P. W. D. No. 37; D. W. R. Bulletins 5 and 6, No. 52-C-3; L. A. Co. F. C. D. No. 4085.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Jan. 17.....	199.4	Jan. 14.....	209.3	Mar. 25.....	223.5
April 2.....	197.6	Mar. 1.....	208.1	April 10.....	223.3
June 19.....	204.9	May 1.....	207.5		Destroyed
Oct. 2.....	215.0	July 2.....	216.8		
Dec. 15.....	210.9	Aug. 17.....	220.0		

Measurements from Pasadena Water Department.

C-52a-F-12, CITY OF PASADENA—NEW WOODBURY WELL. MAP 1

Log Available

Location and description—100 feet south of A. T. & S. F. Ry., 400 feet east of Allen Avenue, Pasadena. Casing in same pit as C-52-F-12.

Reference point—Top of curb around pit, at ground.

Elevation of reference point—791.2, from levels by P. W. D.

Use—Municipal.

Depth of well—1,220 feet.

Diameter of casing—26 inches.

Other numbers used—P. W. D. No. 37; L. A. Co. F. C. D. No. 4035A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1931—Cont.	
Jan. 16.....	226.0	June 15.....	227.8	Oct. 15.....	*240.3
Feb. 16.....	224.8	July 15.....	235.3	Nov. 16.....	238.8
Mar. 2.....	224.9	Aug. 14.....	236.2	Dec. 15.....	235.0
May 1.....	228.8	Sept. 15.....	237.9		

* Monte Vista pumping.

Measurements from Pasadena Water Department.

C-55-F-12, HUNTINGTON LAND AND IMPROVEMENT COMPANY. MAP 1

Log Available

Location and description—30 feet west of Hill Street, extended, and 30 feet south of Lombardy Road, Pasadena. At northwest corner of reservoir. Casing in south end of pump house. No pit.

Reference point—Base of pump at ground.

Elevation of reference point—736.3, from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—380 feet.

Diameter of casing—18 inches.

Other numbers used—P. W. D. No. 97; J. B. Lippincott No. 15; D. W. R. Bulletins 5 and 6, No. 55-C-3; L. A. Co. F. C. D. No. 4076.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Feb. 6.....	141.0	Feb. 16.....	149.8	May 10.....	162.5
May 8.....	145.2	May 20.....	152.9	Dec. 15.....	169.6
July 25.....	149.6	Aug. 1.....	159.6		
Oct. 25.....	154.7	Dec. 7.....	163.3	1931—	
				Feb. 27.....	168.3
				May 19.....	171.6
				Dec. 16.....	177.4

Measurements from Pasadena Water Department.

C-56-F-12, CITY OF ALHAMBRA, NO. 25 (NEW). MAP 1

Log Available

Location and description—800 feet west of Kewen Drive and 25 feet north of Canyon Drive, Pasadena. Casing in shallow pit in east end of pump house.

Reference point—Base of pump at ground.

Elevation of reference point—709.0, from levels by City of Alhambra.

Use—Municipal.

Depth of well—234 feet.

Diameter of casing—18 inches.

Other numbers used—P. W. D. No. 83B; D. W. R. Bulletins 5 and 6, No. 56-C-3; L. A. Co. F. C. D. No. 4067.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 1.....	119.5	Jan. 1.....	115	Jan. 1.....	120
Feb. 1.....	120.0	Feb. 1.....	108	Mar. 1.....	122
Mar. 1.....	108.0	Mar. 1.....	110	Apr. 1.....	123
Apr. 1.....	110	Apr. 1.....	112	May 1.....	122
May 1.....	106	June 1.....	117	June 1.....	126
June 1.....	110.5	July 1.....	120	July 1.....	126
Aug. 1.....	123	Sept. 1.....	124	Aug. 1.....	130
Sept. 1.....	134	Oct. 1.....	122	Sept. 1.....	131
Oct. 1.....	115	Nov. 1.....	124	Oct. 1.....	132
Nov. 1.....	110	Dec. 1.....	114	Nov. 1.....	133
Dec. 1.....	115			Dec. 1.....	132
				1932—	
				Jan. 1.....	137

Measurements from Pasadena Water Department.

C-58-F-12, CITY OF ALHAMBRA NO. 1. MAP 1

Log Available

Location and description—170 feet southeast from intersection of Kewen Drive and Arden Road, 10 feet northeast from Kewen Drive, Pasadena. Casing in pump house. No pit.

Reference point—Top of casing 1 foot above ground.

Elevation of reference point—704.6, from levels by City of Alhambra.

Use—Municipal.

Depth of well—393 feet.

Diameter of casing—26 inches.

Other numbers used—P. W. D. No. 87; D. W. R. Bulletins 5 and 6, No. 58-C-3; L. A. Co. F. C. D. No. 4066.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Jan. 12.....	170.0	Jan. 1.....	111.0	Jan. 1.....	122
Feb. 2.....	170.9	Feb. 1.....	105.0	Feb. 1.....	120
		Mar. 1.....	105	Mar. 1.....	120
1929—		Apr. 1.....	104.5	Apr. 1.....	122
Jan. 1.....	97.0	May 1.....	109	May 1.....	122
Feb. 1.....	97.0	June 1.....	110	June 1.....	123
Mar. 1.....	95.0	July 1.....	110	July 1.....	124
Apr. 1.....	95.0	Aug. 1.....	115	Aug. 1.....	129
May 1.....	93.0	Sept. 1.....	125	Sept. 1.....	129
June 1.....	99.0	Oct. 1.....	121	Oct. 1.....	128
July 1.....	103.0	Nov. 1.....	122	Nov. 1.....	128.5
Aug. 1.....	109.8	Dec. 1.....	120	Dec. 1.....	126
Sept. 1.....	112.3				
Oct. 1.....	113.0			1932—	
Nov. 1.....	112.7			Jan. 1.....	131
Dec. 1.....	112.0				

Measurements from Pasadena Water Department.

C-62-F-12, CITY OF ALHAMBRA, NO. 6 TURBINE. MAP 1

Log Available

Location and description—5 feet east of Keweenaw Drive, 150 feet south of Canyon Drive, San Marino. Casing in north end of pump house in shallow pit.

Reference point—Top of curbing 0.5 feet above ground.

Elevation of reference point—667.8, from levels by City of Alhambra.

Use—Municipal.

Depth of well—320 feet.

Diameter of casing—18 inches.

Other numbers used—P. W. D. No. 91; D. W. R. Bulletins 5 and 6, No. 62-C-3; L. A. Co. F. C. D. No. 4067C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 1.....	169 5	Jan. 1.....	170	Jan. 1.....	142
Feb. 1.....	165 0	Feb. 1.....	158	Feb. 1.....	138
Mar. 1.....	175 0	Mar. 1.....	152	Mar. 1.....	130
Apr. 1.....	176 0	Apr. 1.....	145	Apr. 1.....	127
May 1.....	155 0	May 1.....	159	May 1.....	130
June 1.....	174 5	June 1.....	160	June 1.....	132
July 1.....	175 0	July 1.....	163	July 1.....	134
Aug. 1.....	189 0	Aug. 1.....	168	Aug. 1.....	152
Sept. 1.....	190	Sept. 1.....	160	Sept. 1.....	166
Oct. 1.....	189	Oct. 1.....	158	Oct. 1.....	155
Nov. 1.....	187	Nov. 1.....	150	Nov. 1.....	149
Dec. 1.....	183	Dec. 1.....	141	Dec. 1.....	139.5
				1932—	
				Jan. 1.....	135

Measurements from Pasadena Water Department.

C-65-F-12, CITY OF ALHAMBRA, NO. 11A. MAP 1

Log Available

Location and description—25 feet north of Mill Lane, $\frac{1}{4}$ -mile east of old adobe mill, 300 feet east of St. Albans' Road, 200 feet west of Virginia Avenue, San Marino. Casing in shallow pit in west end of pump house.

Reference point—Pump base at floor, 1.5 feet above natural ground.

Elevation of reference point—593.4, from levels by City of Alhambra.

Use—Municipal.

Depth of well—428 feet.

Diameter of casing—18 inches.

Other numbers used—P. W. D. No. 94B; D. W. R. Bulletins 5 and 6, No. 65-C-3; L. A. Co. F. C. D. No. 4077.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 2.....	84.8	Jan. 1.....	122	Jan. 1.....	120
1929—		Feb. 1.....	114	Feb. 1.....	120
Jan. 1.....	89	Mar. 1.....	116	Mar. 1.....	120
Feb. 1.....	88	Apr. 1.....	112	Apr. 1.....	125
Mar. 1.....	95	May 1.....	124	May 1.....	123
Apr. 1.....	95	June 1.....	118	June 1.....	125
May 1.....	100	July 1.....	122	July 1.....	125
June 1.....	105	Aug. 1.....	*227	Aug. 1.....	122
Aug. 1.....	122.5	Sept. 1.....	128	Sept. 1.....	120
Sept. 1.....	130	Oct. 1.....	126	Oct. 1.....	120
Oct. 1.....	118	Nov. 1.....	120	1932—	
Nov. 1.....	118	Dec. 1.....	118	Jan. 1.....	120
Dec. 1.....	120				

* Pumping.

Measurements from Pasadena Water Department.

C-74-F-12, J. R. VAN HOUGHTEN. MAP 1

Location and description—200 feet north of San Pasqual, about 400 feet east of San Gabriel Boulevard, Pasadena. Air-lift well in open. No pit.

Reference point—Top of wood clamp 1 foot above ground.

Elevation of reference point—676.5, from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—215 feet.

Diameter of casing—10 inches.

Other numbers used—P. W. D. No. 59; D. W. R. Bulletins 5 and 6, No. 74-C-3; L. A. Co. F. C. D. No. 4106C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Jan. 30.....	98.1	Jan. 10.....	^b 104.6	April 26.....	113.8
May 1.....	^a 100.5	May 16.....	106.0	July 28.....	^c 117.6
June 21.....	101.5	July 29.....	111.3	Dec. 2.....	119.4
Oct. 23.....	106.6	Nov. 29.....	112.8		
				1931—	
				May 19.....	117.4
				Dec. 22.....	122.0

^a Pump down 5 hours.

^b Pump down 1 week.

^c Down 6 hours.

Measurements from Pasadena Water Department.

C-76-F-12, W. H. FOX. MAP 1

Log Available

Location and description—100 feet south of Blanche Street, 500 feet east of Eaton Wash, 575 feet west of Madre Avenue, Pasadena. Casing in yard. No pit.

Reference point—Top of casing, at ground.

Elevation of reference point—666.4, from levels by D. W. R.

Use—Not used.

Depth of well—300 feet.

Diameter of casing—18 inches.

Other numbers used—P. W. D. No. 107; D. W. R. Bulletins 5 and 6, No. 76-C-3; L. A. Co. F. C. D. No. 4115B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Jan. 30.....	92.6	Jan. 5.....	^a 98.4	April 26.....	110.3
May 1.....	96.9	May 15.....	102.4	Dec. 2.....	116.0
June 20.....	99.9	May 31.....	104.8		
Oct. 23.....	102.8	July 29.....	110.7	1931—	
Oct. 27.....	104.7	Nov. 26.....	110.3	May 14.....	118.6
				Dec. 21.....	123.1

^a Water stands in Eaton Wash south of Blanche Street.

Measurements from Pasadena Water Department.

C-82-F-13, CITY OF PASADENA—LOCKSLEY WELL. MAP 1

Log Available

Location and description—1,000 feet north from Huntington Drive, on east bank of Eaton Wash, east of Pasadena. West casing, in shallow pit.

Reference point—Pit wall, 1.5 feet above ground.

Elevation of reference point—590.5, from levels by D. W. R.

Use—Irrigation.

Depth of well—100 feet.

Diameter of casing—10 inches.

Other numbers used—P. W. D. No. 147B; W. S. P. 219, No. 443, Pasadena; D. W. R. Bulletins 5 and 6, No. 82-D-3; L. A. Co. F. C. D. No. 4126.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Feb. 2.....	23.3	Jan. 25.....	27.4	Feb. 13.....	43.1
May 11.....	31.8	May 1.....	33.6	May 14.....	49.4
July 21.....	40.0	Sept. 14.....	46.4	Oct. 15.....	63.7
Oct. 23.....	37.8			Dec. 15.....	54.9
		1930—			
		Jan. 13.....	37.0		
		May 9.....	37.2		

Measurements from Pasadena Water Department.

C-86-F-13, CHAPMAN RANCH, NO. 4. MAP 6

Log Available

Location and description—150 feet west of Rosemead Avenue, 60 feet north of Yorkshire Road, west of Arcadia.

Reference point—Top of casing, at ground.

Elevation of reference point—619.3, from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—426 feet.

Diameter of casing—10 inches.

Other numbers used—P. W. D. No. 149; W. S. P. 219, No. 442; Pasadena; D. W. R. Bulletins 5 and 6, No. 86-D-3; L. A. Co. F. C. D. No. 4126A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Feb. 2.....	51.4	Jan. 25.....	*57.1	Feb. 13.....	69.6
May 11.....	53.6	May 8.....	62.0	May 14.....	77.9
Oct. 23.....	60.3	Sept. 14.....	69.4	July 21.....	86.8
				Aug. 14.....	83.9
		1930—		Oct. 16.....	85.9
		Jan. 13.....	64.1	Dec. 15.....	79.9
		May 9.....	64.9		

* Down 3 hours.

Measurements from Pasadena Water Department.

C-96-F-13, G. E. BURNELL. MAP 6

Location and description—400 feet south of Foothill Boulevard, $\frac{1}{2}$ -mile east of Baldwin Avenue, south of Sierra Madre.

Reference point—(a) Top of pump head, 1.8 feet below ground; (b) Hole in pump base, 2.8 feet below ground.

Elevation of reference point—(a) 580.2; (h) 579.2; from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—600 feet.

Diameter of casing—12 inches.

Other numbers used—P. W. D. No. 123; D. W. R. Bulletins 5 and 6, No. 96-D-3; L. A. Co. F. C. D.

No. 4155.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1931—		1932—	
Dec. 4.....	^a c76.7	Jan. 26.....	^b 74.0	Feb. 23.....	^a 74.7
1929—		Mar. 3.....	^b 71.4		
Jan. 29.....	^a 69.9	May 5.....	^b 75.6		
May 7.....	^a c65.2	June 9.....	^b 102.8		
Aug. 13.....	^a c76.4	June 23.....	^b 88.6		
1930—		July 8.....	^b 116.9		
April 25.....	^a c71.6	Sept. 1.....	^b 90.7		
Dec. 12.....	^a c73.9	Oct. 27.....	^b 82.3		
		Dec. 22.....	^b 77.9		

^a Reference point (a) used.

^b Reference point (b) used.

^c Measurement from Pasadena Water Department.

Measurements from Los Angeles County Flood Control District except as noted.

C-98-F-13, T. F. YERXA. MAP 6

Location and description—170 feet east of Mountain Trail Avenue on south line of Lowell Avenue, extended, Sierra Madre.

Reference point—Top of curb at pump house floor and ground.

Elevation of reference point—724.2, from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—280 feet.

Diameter of casing—9 inches.

Other numbers used—P. W. D. No. 44; W. S. P. 219, No. 256, Pasadena; D. W. R. Bulletins 5 and 6, No. 98-D-3; L. A. Co. F. C. D. No. 4154.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Mar. 4.....	199.8	April 25.....	206.3	April 14.....	212.0
May 17.....	199.1	Dec. 12.....	214.9	Sept. 4.....	222.5
				Nov. 19.....	221.2
				Dec. 21.....	223.5

Measurements from Pasadena Water Department.

C-101-F-13, CITY OF ARCADIA, NO. 1. MAP 6

Log Available

Location and description—700 feet west of Santa Anita Avenue, 100 feet north of Orange Grove Avenue, Arcadia. Southeast well in group.

Reference point—Base of pump at ground.

Elevation of reference point—602.4, from levels by D. W. R.

Use—Municipal.

Depth of well—464 feet.

Diameter of casing—22 inches.

Other numbers used—P. W. D. No. 49; D. W. R. Bulletins 5 and 6, No. 101-D-3; L. A. Co. F. C. D. No. 4164.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Jan. 7.....	87.6	April 25.....	*106.1	Jan. 3.....	103.7
Feb. 7.....	85.3	April 28.....	*97.8	Mar. 31.....	112.6
Mar. 10.....	*89.9	Dec. 12.....	104.2	May 6.....	101.4
April 14.....	*92.2			Dec. 20.....	108.2
May 11.....	*75.9				
Oct. 18.....	*109.1				
Dec. 4.....	112.6				

* No. 3 pumping.

b No. 4 pumping.

c All down 12 hours.

d Measurement by owner.

*No. 2A pumping. Sierra Madre pumping.

f All down 5 hours.

Measurements from Pasadena Water Department.

C-102-F-14, OAKWOOD SYNDICATE (FORMERLY COOK-WOODLEY COMPANY). MAP 6

Location and description—1500 feet east of Santa Anita Avenue, 200 feet north of Orange Grove Avenue extended, 200 feet east of Santa Anita Creek, east of Sierra Madre.

Reference point—Top of wood curb, 2.5 feet above ground.

Elevation of reference point—594.1, from levels by D. W. R.

Use—Not used.

Other numbers used—P. W. D. No. 152; D. W. R. Bulletins 5 and 6, No. 102-E-3; L. A. Co. F. C. D. No. 4174.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1932—	
Aug. 9.....	19.7	April 25.....	18.8	Jan. 8.....	*24.2
Nov. 22.....	18.8	Dec. 12.....	21.9		
1929—		1931—			
Mar. 4.....	26.0	Mar. 10.....	*18.7		
May 18.....	18.3	April 14.....	*17.8		
Aug. 2.....	20.5	May 10.....	23.2		
Dec. 3.....	19.4	Nov. 18.....	*27.8		
		Dec. 14.....	27.6		

* Measurement from Los Angeles County Flood Control District.

Measurements from Pasadena Water Department except as noted.

C-103-F-13, CITY OF MONROVIA. MAP 6

Log Available

Location and description—40 feet west of Sierra Madre Avenue, 200 feet north of Mowhawk Street, west of Arcadia. Sump well under wooden cover.

Reference point—Hole in wooden cover, 1 foot above ground.

Elevation of reference point—626, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—550 feet.

Other numbers used—P. W. D. No. 65A; D. W. R. Bulletins 5 and 6, No. 103-D-3; L. A. Co. F. C. D. No. 413F.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 20.....	72 1	April 27.....	79 1	Feb. 23.....	77.3
		July 6.....	84.8	Aug. 16.....	100 9
1929—					
Jan. 25.....	65 0				
Aug. 11.....	82 5				
Sept. 1.....	80 3				
Dec. 2.....	77 4				

Measurements from Pasadena Water Department.

C-108-F-12, HUNTINGTON HOTEL. MAP 1

Location and description—100 feet east of Wentworth Avenue, 100 feet south of Oak Knoll Drive, Pasadena. 50 feet north of Huntington Hotel garage. Air-lift well beside small reservoir.

Reference point—Top of clamp 1.5 feet above ground.

Elevation of reference point—707.5, from levels by D. W. R.

Use—Domestic.

Depth of well—209 feet.

Diameter of casing—14 inches.

Other numbers used—P. W. D. No. 227; J. B. Lippincott No. 11; D. W. R. Bulletins 5 and 6, No. 108-B-3; L. A. Co. F. C. D. No. 4067F.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
May 17.....	135 2	Jan. 9.....	^b 140 4	Dec. 15.....	^a 154.7
Aug. 11.....	^a 138 5	May 19.....	^b 141 3		
		July 31.....	^a 144 9	1931—	
		Dec. 6.....	^a 147 4	Feb. 23.....	153 5
				June 2.....	152 4
				Dec. 25.....	^a 159 0

^a Down 6 hours.

^b Down 3 hours.

Measurements from Pasadena Water Department.

C-109-G-12, SAN GABRIEL VALLEY WATER COMPANY, NO. 125 (RICHARDSON WELL)
MAP 2

Location and description—40 feet east of Oak Knoll Avenue, 60 feet north of Huntington Garden Drive, extended, Pasadena. Two wells in bottom of 60-foot pit. North pump-house of two.

Reference point—Top of curb, 1 foot above ground.

Elevation of reference point—650, from aneroid by D. W. R.

Use—Domestic and irrigation.

Depth of well—200 feet.

Diameter of casing—12 inches.

Other numbers used—P. W. D. No. 139; W. S. P. 219, No. 467, Pasadena; D. W. R. Bulletin 5, No. 109-C-4; L. A. Co. F. C. D. No. 4068A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 10.....	^a 76.3	Feb. 1.....	88.3	Jan. 2.....	94.0
		Mar. 1.....	83.0	Feb. 2.....	93.7
1929—		May 1.....	90.0	April 1.....	88.7
Jan. 7.....	^a 77.6	June 1.....	83.8	June 1.....	86.9
June 19.....	81.1	Aug. 1.....	92.0	Aug. 1.....	94.4
Nov. 16.....	^a 85.5	Sept. 1.....	93.0	Oct. 1.....	96.0
		Oct. 1.....	91.3	Dec. 3.....	97.0
		Dec. 1.....	94.3		
				1932—	
				Feb. 15.....	97.7

^a Measurement from Pasadena Water Department.

^b Huntington Hotel down 6 hours.

^c Huntington Hotel pumping 2 hours per day.

Measurements from San Gabriel Valley Water Company except as noted.

C-111-F-11, CITY OF PASADENA—FRANKLIN WELL NO. 3. MAP 1

Log Available

Location and description—230 feet north of California street and 175 feet west of Oak Knoll Avenue, Pasadena. No pit.

Reference point—Top of casing, at ground.

Elevation of reference point—776.4, from levels by P. W. D.

Use—Not used.

Depth of well—615 feet.

Diameter of casing—12 inches.

Other numbers used—P. W. D. No. 52C; State D. v. E. & I., No. 8, Pasadena Quadrangle, D. W. R. Bulletins 5 and 6, No. 111-B-3; L. A. Co. F. C. D. No. 4066C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—Cont.		1931—	
Jan. 16.....	142.4	June 15.....	156.2	Jan. 6.....	166.8
Feb. 15.....	144.4	July 16.....	157.8	Feb. 21.....	166.6
Mar. 15.....	145.1	Aug. 14.....	153.9	Mar. 31.....	168.7
April 16.....	146.1	Oct. 15.....	160.1	April 30.....	168.5
May 15.....	146.1	Nov. 15.....	159.9	June 2.....	170.5
June 15.....	148.4	Dec. 16.....	160.6	July 3.....	172.0
July 15.....	150.0			Aug. 13.....	173.4
Aug. 16.....	151.6	1930—			
Sept. 17.....	152.9	Jan. 15.....	160.0	1932—	
Oct. 15.....	152.5	Feb. 14.....	159.2	Jan. 18.....	175.4
Nov. 1.....	153.4	Mar. 17.....	159.4		
Dec. 15.....	152.8	April 15.....	159.6		
		May 15.....	160.2		
1929—		June 16.....	162.0		
Jan. 17.....	153.1	July 17.....	164.2		
Feb. 15.....	152.1	Aug. 11.....	164.9		
Mar. 15.....	151.6	Sept. 27.....	165.6		
April 26.....	152.5	Oct. 17.....	166.2		
May 15.....	154.7				

Measurements from Pasadena Water Department.

C-115-E-12, WILLIAM ALLEN ESTATE. MAP 1

Location and description—Top of west bank of Eaton Wash, 200 feet east of Foothill Boulevard, 0.25 miles northwest along Foothill Boulevard from junction of Foothill Boulevard with Roosevelt Avenue, northeast of Pasadena. 4' x 4' concrete pit with tunnel under wash at bottom.

Reference point—Top of well curb at ground.

Elevation of reference point—1150, from barometer by P. W. D.

Use—Not used.

Depth of well—52 feet.

Other numbers used—P. W. D. No. 23; D. W. R. Bulletin 5, No. 115-C-3; L. A. Co. F. C. D. No. 4091.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Oct. 30.....	33.1	Jan. 12.....	53.5	April 26.....	37.2
		May 14.....	41.2	Dec. 4.....	54.2
		July 31.....	49.2		
		Dec. 2.....	54.9	1931—	
				May 14.....	42.2
				Dec. 20.....	55.1

Measurements from Pasadena Water Department.

C-117-F-12, CITY OF PASADENA (IN STREET). MAP 1

Location and description—150 feet east of Craig Avenue, 146 feet west of Grand Oaks Avenue, 3 feet north of south curb of Walnut Street, Pasadena. Under lamp hole cover opposite "X" on curb.

Reference point—Top of pipe, 0.2 feet below pavement.

Elevation of reference point—773.1, from levels by P. W. D.

Use—Not used.

Depth of well—270 feet.

Diameter of casing—8 inches.

Other numbers used—P. W. D. No. 209; D. W. R. Bulletins 5 and 6, No. 117-C-3; L. A. Co. F. C. D. No. 4095A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Aug. 3.....	189.5	Jan. 10.....	193.0	Mar. 24.....	201.8
Oct. 20.....	194.0	Jan. 14.....	*192.7	April 17.....	203.1
		May 30.....	194.3	Dec. 4.....	206.2
		Aug. 2.....	198.1		
		Nov. 26.....	205.1	1931—	
				May 19.....	210.5
				Dec. 21.....	212.7

* 215.5 feet deep.

Measurements from Pasadena Water Department.

C-119-F-12, SAN GABRIEL VALLEY WATER COMPANY, NO. 1917. MAP 1

Log Available

Location and description—25 feet east of Canterbury Road and 35 feet south of Lombardy Road, San Marino.

Reference point—Base of pump, at floor, 9 feet below ground.

Elevation of reference point—661, from U. S. G. S. topog. by D. W. R.

Use—Domestic and irrigation.

Depth of well—348 feet.

Diameter of casing—18 inches.

Other numbers used—J. B. Lippincott No. 18; P. W. D. No. 214; D. W. R. Bulletin 5, No. 119-C-3; L. A. Co. F. C. D. No. 4096A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 10.....	60.6	Jan. 2.....	89.1	Jan. 2.....	96.1
May 17.....	59.6	Mar. 1.....	88.8	Mar. 1.....	96.1
		May 2.....	90.3	June 1.....	99.5
1929—		July 1.....	92.6	Aug. 1.....	104.0
June 19.....	71.3	Sept. 1.....	85.6	Oct. 1.....	105.2
Dec. 1.....	92.0	Oct. 1.....	96.1	Dec. 1.....	105.2
		Dec. 1.....	96.1		

Measurements from San Gabriel Valley Water Company.

C-119c-F-12, HUNTINGTON LAND & IMPROVEMENT COMPANY—NEW GARVEY WELL
MAP 1

Log Available

Location and description—400 feet west of San Marino Avenue, 1600 feet north of Huntington Drive, San Marino. Near H. E. Huntington's residence. In same pit as C-119b-I-12.

Reference point—Top of 1 beam.

Elevation of reference point—613.9, from levels by P. W. D.

Use—Domestic and irrigation.

Depth of well—461 feet.

Diameter of casing—10 inches.

Other numbers used—P. W. D. No. 99B; J. B. Lippincott No. 17, W. S. P. 219, No. 472, Pasadena; L. A. Co. F. C. D. No. 4097B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Feb. 10.....	*87.4	Feb. 16.....	b95.9	Mar. 25.....	c109.5
May 17.....	*87.6	May 20.....	97.6	May 10.....	110.0
		June 19.....	*102.0	Dec. 15.....	125.0
		Aug. 1.....	107.5		
		Dec. 7.....	116.9	1931—	
				Feb. 27.....	Destroyed

* Measurement from San Gabriel Valley Water Company.

b All down 1 week.

c 129 feet deep.

Measurements from Pasadena Water Department except as noted.

C-120-F-12, SAN GABRIEL VALLEY WATER COMPANY, NO. 1920. MAP 1

Log Available

Location and description—50 feet east of Santa Anita Avenue, 50 feet north of Canterbury Road, produced east, 700 feet north of Robles Avenue, San Marino. Casing in deep pit in west end of pump house.

Reference point—Floor of pump house, 7 feet below ground.

Elevation of reference point—645.6, from levels by P. W. D.

Use—Domestic and irrigation.

Depth of well—952 feet.

Diameter of casing—18 inches.

Other numbers used—P. W. D. No. 110B; J. B. Lippincott No. 22; D. W. R. Bulletins 5 and 6, No. 120-C-3; L. A. Co. F. C. D. No. 4106A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
July 29.....	*181.8	Jan. 1.....	151.8	Jan. 2.....	148.3
Oct. 24.....	*173.7	Feb. 1.....	133.1	Mar. 2.....	143.3
		April 1.....	133.1	June 1.....	150.8
1929—		June 2.....	144.0	Aug. 1.....	151.3
Jan. 8.....	*124.6	July 1.....	153.3	Sept. 1.....	178.3
Dec. 3.....	*152.9	Aug. 1.....	179.3	Nov. 2.....	174.3
		Sept. 1.....	178.3	Dec. 3.....	157.3
		Dec. 1.....	153.3		
				1932—	
				Jan. 8.....	153.3

* Measurement from Pasadena Water Department.

Measurements from San Gabriel Valley Water Company except as noted.

C-130-F-13, CITY OF SIERRA MADRE, NO. 1. MAP 6

Log Available

Location and description—About 2000 feet west of Santa Anita Avenue, 100 feet north of Central Avenue, Sierra Madre.

Reference point—Floor of pump house, at ground.

Elevation of reference point—674.5, from levels by D. W. R.

Use—Municipal.

Depth of well—459 feet.

Diameter of casing—26 inches.

Other numbers used—P. W. D. No. 46; W. S. P. 219, No. 258, Pasadena; D. W. R. Bulletins 5 and 6, No. 130-D-3; L. A. Co. F. C. D. No. 4163.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—Cont.		1931—	
Jan. 3.....	151.0	July 23.....	183.1	Jan. 15.....	174.8
Feb. 3.....	148.8	Aug. 23.....	186.9	Feb. 12.....	171.3
Mar. 3.....	147.2	Sept. 23.....	182.7	Mar. 13.....	172.8
April 3.....	145.0	Oct. 23.....	186.5	April 14.....	181.5
May 11.....	150.1	Nov. 23.....	182.9	July 1.....	195.1
July 26.....	^a 168.5	Dec. 3.....	180.7	Aug. 1.....	196.7
Aug. 28.....	^a 173.1			Aug. 15.....	194.4
Sept. 27.....	^a 174.2	1930—		Sept. 7.....	^d 197.5
Oct. 25.....	^a 172.6	Jan. 3.....	178.7	Oct. 10.....	^d 195.1
Nov. 23.....	^a 167.4	Feb. 3.....	170.3	Oct. 29.....	^d 191.0
Dec. 23.....	163.0	Mar. 3.....	169.3	Nov. 7.....	^d 192.1
		April 27.....	^c 172.4	Nov. 18.....	^d 187.8
1929—		May 12.....	166.4		
Jan. 23.....	160.6	June 5.....	172.7		
Feb. 23.....	158.8	July 6.....	180.8		
Mar. 23.....	158.2	Aug. 8.....	197.2		
April 23.....	^b 158.4	Sept. 8.....	189.8		
May 22.....	165.7	Oct. 12.....	185.7		
June 27.....	173.8	Nov. 13.....	188.7		
		Dec. 12.....	179.1		

^a Measurement by operator.

^b Down 2 weeks.

^c Down 12 hours.

^d Measurement from Los Angeles County Flood Control District.

Measurements from Pasadena Water Department except as noted.

C-196-G-13, F. E. GROVES (FORMERLY SOUTHLAND HOME WATER COMPANY). MAP 2

Location and description—350 feet south of Broadway, 60 feet west of Acacia Street, east of San Gabriel.

Reference point—Top of casing.

Elevation of reference point—387, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—724 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2920D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
July 30.....	121.8	Feb. 11.....	116.9	Jan. 13.....	119.1
Sept. 5.....	115.3	June 3.....	117.3	Mar. 24.....	119.6
Oct. 28.....	116.4	Sept. 20.....	118.9	May 2.....	119.8
Dec. 30.....	116.8	Nov. 11.....	119.1	July 18.....	121.0
				Oct. 10.....	122.1
				Dec. 29.....	122.5

Measurements from San Gabriel Valley Protective Association.

C-199b-G-12, T. HENDERSON. MAP 2

Location and description—180 feet south of Myrtle Avenue and 50 feet east of California Avenue, 500 feet west of San Gabriel Boulevard, San Gabriel.

Reference point—Top edge of pump base casting, 4.6 feet below floor.

Elevation of reference point—400, from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Depth of well—300 feet.

Diameter of casing—7 inches.

Other numbers used—L. A. Co. F. C. D. No. 2900.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Sept. 17.....	139.2	Jan. 10.....	138.6	Jan. 10.....	142.8
Dec. 10.....	138.8	Mar. 3.....	139.1	Mar. 3.....	143.1
		May 13.....	139.7	April 7.....	144.9
		July 1.....	141.4	May 12.....	144.1
		Oct. 28.....	143.0	June 16.....	145.3
		Nov. 11.....	143.5	July 21.....	148.1
		Dec. 22.....	142.8	Aug. 4.....	147.3
				Oct. 6.....	138.2
				Dec. 29.....	146.4

Measurements from San Gabriel Valley Protective Association.

C-200-F-13, MRS. E. C. CRIBB. MAP 6

Location and description—450 feet west of Baldwin Avenue and 450 feet south of Duarte Road, north of Temple.

Reference point—Edge of pit, at ground, to and including October 15, 1929; then, top of platform over well, 0.4 feet above ground.

Elevation of reference point—481 to and including October 15, 1929; then, 481.4; from U. S. G. S. topog. by D. W. R.

Use—Not used.

Other numbers used—P. W. D. No. 1156; D. W. R. Bulletins 5 and 6, No. 200-D-3; L. A. Co. F. C. D. No. 4147.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 3.....	189.9	Jan. 4.....	198.2	Jan. 17.....	202.8
Mar. 13.....	190.1	April 12.....	199.1	Mar. 28.....	203.8
Oct. 18.....	192.7	July 5.....	200.1	May 30.....	204.3
Dec. 6.....	193.3	Sept. 6.....	201.2	July 25.....	205.2
		Nov. 1.....	202.1	Sept. 26.....	206.3
		Dec. 27.....	202.8	Oct. 31.....	206.8
1929—				Dec. 29.....	207.2
Jan. 26.....	193.6				
April 25.....	194.4				
June 13.....	195.0				
July 30.....	195.8				
Sept. 3.....	196.5				
Oct. 15.....	197.0				
Dec. 28.....	198.0				

Measurements from San Gabriel Valley Protective Association.

C-201-G-12, SAN GABRIEL VALLEY WATER COMPANY, NO. 1925. MAP 2

Log Available

Location and description—200 feet north of Longden Avenue, 500 feet west from Santa Anita Road (Del Mar), San Marino. Casing in shallow pump pit.

Reference point—Floor of pump house at ground.

Elevation of reference point—506.1, from levels by D. W. R.

Use—Not used.

Depth of well—785 feet.

Diameter of casing—26 inches.

Other numbers used—P. W. D. No. 191; D. W. R. Bulletins 5 and 6, No. 20f-C-4; L. A. Co. F. C. D. No. 4098.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—	
Dec. 1.....	241.0	July 1.....	241.0	Jan. 2.....	244.0
		Aug. 1.....	242.0	Feb. 10.....	*244.0
1930—		Sept. 1.....	244.0	Mar. 17.....	*244.9
Jan. 2.....	240.0	Oct. 1.....	242.0	April 21.....	*248.4
Feb. 1.....	238.3	Nov. 1.....	243.0	June 23.....	*249.6
Mar. 1.....	239.5	Dec. 1.....	243.5	July 28.....	*251.3
April 1.....	239.0			Sept. 29.....	*251.7
May 2.....	239.0			Nov. 23.....	*249.4
June 1.....	240.0			Dec. 29.....	*248.3

* Measurement from San Gabriel Valley Protective Association.

Measurements from San Gabriel Valley Water Company except as noted.

C-201b-G-12, R. A. HIGHTOWER. MAP 2

Location and description—50 feet south of Huntington Drive, 235 feet west of West Drive, 2100 feet west of San Marino Avenue, San Marino.

Reference point—Top of casing, 1.1 feet above ground.

Elevation of reference point—545, from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Depth of well—700 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 4088.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Sept. 19.....	282.1	Mar. 3.....	283.0	Jan. 13.....	287.2
Oct. 8.....	282.4	Mar. 27.....	284.1	Feb. 3.....	286.9
Nov. 25.....	282.9	June 10.....	285.2	Mar. 3.....	287.3
Dec. 26.....	284.7	Aug. 26.....	288.2	June 20.....	291.3
		Sept. 30.....	287.3	Aug. 22.....	293.0
		Nov. 11.....	288.2	Oct. 31.....	293.9
		Dec. 9.....	287.8	Dec. 29.....	291.3

Measurements from San Gabriel Valley Protective Association.

C-202-G-12, ALICE H. GRAVES. MAP 2

Log Available

Location and description—175 feet northwest of Huntington Drive and 70 feet southwest of El Molino Avenue, San Marino. 10 feet south of reservoir near east end.

Reference point—Top of casing, 1.6 feet above ground, to and including August 10, 1929; then, top of casing, at ground.

Elevation of reference point—562.2 to and including August 10, 1929; then, 560.6; from levels by D. W. R.

Use—Municipal.

Depth of well—505 feet.

Diameter of casing—18 inches.

Other numbers used—P. W. D. No. 150; D. W. R. Bulletins 5 and 6, No. 202-C-4, L. A. Co. F. C. D. No. 4068.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
July 10.....	*285.3	Jan. 1.....	*292.0	Feb. 3.....	313.5
Oct. 18.....	*287.3	April 29.....	293.5	Feb. 24.....	318.0
Dec. 11.....	*286.7	July 1.....	293.6	Mar. 10.....	316.6
		Sept. 30.....	315.0	May 12.....	317.0
1929—				Aug. 4.....	320.5
Feb. 11.....	*287.0			Oct. 27.....	325.0
April 18.....	*287.6			Nov. 10.....	326.0
June 3.....	*288.6			Dec. 29.....	325.0
July 11.....	*289.5				
Sept. 30.....	291.9				

* Measurement from Pasadena Water Department.

Measurements from San Gabriel Valley Protective Association except as noted.

C-204-G-12, CITY OF SOUTH PASADENA—WILSON WELL NO. 2. MAP 2

Location and description—110 feet west of Bradbury Drive, 275 feet south of Adelyn Drive, San Gabriel.

Reference point—Top of iron pump base at ground.

Elevation of reference point—478.9, from levels by D. W. R.

Use—Municipal.

Depth of well—720 feet.

Diameter of casing—26 inches.

Other numbers used—P. W. D. No. 125B; D. W. R. Bulletins 5 and 6, No. 204-C-4; L. A. Co. F. C. D. No. 4099.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Jan. 3.....	203.6	Sept. 30.....	217.7	Jan. 8.....	215.5
Dec. 6.....	208.0	Nov. 11.....	218.2	Jan. 20.....	216.3
		Dec. 9.....	216.8	Feb. 10.....	216.1
		Dec. 23.....	216.8	Mar. 10.....	216.3
				April 25.....	218.4
				June 9.....	218.7
				Sept. 29.....	222.7
				Dec. 22.....	220.5

Measurements from San Gabriel Valley Protective Association.

C-205-G-12, A. J. CHISOLM. MAP 2

Location and description—1400 feet north of Santa Anita Street, 300 feet east of Arroyo Avenue, San Gabriel.

Reference point—Top of casing, 1 foot below ground, to and including December 6, 1928; then, top of casing, 1.4 feet above ground.

Elevation of reference point—427.2 to and including December 6, 1928; then, 429.6 from levels by D. W. R.

Use—Not used.

Depth of well—450 feet.

Diameter of casing—10 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 205-C-4; L. A. Co. F. C. D. No. 2880.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 19.....	151.9	Jan. 20.....	161.9	Feb. 10.....	166.9
Aug. 6.....	154.4	April 3.....	163.2	Mar. 10.....	167.2
Oct. 18.....	155.7	June 10.....	163.4	May 26.....	168.4
Dec. 6.....	155.6	Sept. 30.....	166.7	July 28.....	170.1
		Nov. 11.....	167.3	Oct. 27.....	171.5
1929—		Dec. 23.....	167.0	Dec. 29.....	171.0
July 2.....	159.4				
Aug. 19.....	160.9				
Oct. 31.....	162.1				
Dec. 30.....	162.8				

Measurements from San Gabriel Valley Protective Association.

C-206-G-12, CITY OF ALHAMBRA—GARFIELD No. 1. MAP 2

Log Available

Location and description—90 feet west of Garfield Avenue, 25 feet south of MacLean Street, Alhambra. Casing in pump house. No pit.

Reference point—Floor, at ground.

Elevation of reference point—534.6, from levels by D. W. R.

Use—Municipal.

Depth of well—560 feet.

Diameter of casing—18 inches.

Other numbers used—P. W. D. No. 120; D. W. R. Bulletins 5 and 6, No. 206-C-4; L. A. Co. F. C. D. No. 4069.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 1.....	263.0	Jan. 1.....	270.0	Jan. 1.....	272
Feb. 1.....	263.0	Feb. 1.....	265.5	Feb. 1.....	273
Mar. 1.....	263.0	Mar. 1.....	265	Mar. 1.....	275
April 1.....	263.0	April 1.....	270	May 12.....	*271.9
May 1.....	263.0	May 1.....	270	Aug. 25.....	*275.6
June 1.....	265.5	June 1.....	272	Sept. 29.....	*275.0
Aug. 1.....	268.0	Sept. 1.....	273	Nov. 23.....	*276.1
		Oct. 1.....	274	Dec. 22.....	*275.7
		Nov. 1.....	273		
		Dec. 1.....	272		

* Measurement from San Gabriel Valley Protective Association.

Measurements from Pasadena Water Department except as noted.

C-210c-G-12, MR. GATES. MAP 2

Location and description—210 feet west of San Gabriel Boulevard, 300 feet south of Valley Boulevard, San Gabriel.

Reference point—Top edge of clamps around pipe, 1 foot above ground.

Elevation of reference point—325, from U. S. G. S. topog. by S. G. V. P. A.

Use—Domestic.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 2902.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Sept. 17.....	57.0	Feb. 1.....	57.8	Feb. 3.....	60.5
Dec. 31.....	57.7	April 7.....	58.2	Mar. 10.....	60.9
		June 24.....	58.8	June 16.....	62.3
		July 29.....	59.6	Nov. 3.....	64.4
		Nov. 11.....	60.1	Dec. 29.....	63.1
		Dec. 22.....	60.3		

Measurements from San Gabriel Valley Protective Association.

C-211-H-12, CITY OF MONTEREY PARK, NO. 2. MAP 2

Log Available

Location and description—In center of Emerson Avenue, 115 feet west of McPherrin Street, Monterey Park. Casing in pump house. No pit.

Reference point—Hole in base of pump 1 foot above ground.

Elevation of reference point—396.4, from levels by D. W. R.

Use—Municipal.

Depth of well—295 feet.

Diameter of casing—10 inches.

Other numbers used—P. W. D. No. 1163; D. W. R. Bulletins 5 and 6, No. 211-C-5; L. A. Co. F. C. D. No. 2873.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 19.....	118.0	April 24.....	*131.8	April 20.....	*133.3
Dec. 7.....	119.8	Nov. 26.....	*147.3	May 20.....	*132.2
				Nov. 30.....	*132.2
1929—					
Sept. 26.....	127.2				
Oct. 1.....	*126.8				

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-211c-H-11, G. AROSTEQUI. MAP 2

Location and description—300 feet south of Hellman Avenue, 300 feet east of Primrose Avenue, Monterey Park. Casing in open. No pit.

Reference point—Top of casing at ground.

Elevation of reference point—434, from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Depth of well—48 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 2853.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Sept. 14.....	32.6	Jan. 6.....	33.1	Jan. 13.....	32.2
Nov. 7.....	32.7	Mar. 3.....	32.5	Feb. 3.....	32.2
Dec. 10.....	33.0	May 6.....	31.5	Feb. 10.....	31.8
		Aug. 12.....	31.3	Mar. 10.....	31.5
		Nov. 11.....	31.8	May 19.....	31.4
		Dec. 22.....	32.1	July 14.....	31.6
				Oct. 27.....	32.7
				Dec. 29.....	33.5

Measurements from San Gabriel Valley Protective Association.

C-211h-H-12, J. M. LANG. MAP 2

Location and description—160 feet west of New Avenue, 600 feet north of Emerson Avenue, Monterey Park.

Reference point—Top edge of 3" x 4" blocks over casing, 0.5 feet above ground.

Elevation of reference point—362, from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Depth of well—120 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 2893.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Sept. 17.....	95.8	Jan. 6.....	96.7	Feb. 24.....	100.8
Nov. 7.....	96.2	Feb. 18.....	97.0	April 14.....	101.2
Dec. 31.....	96.7	Mar. 31.....	97.3	June 30.....	102.1
		June 3.....	97.9	Aug. 25.....	103.0
		July 29.....	98.8	Nov. 23.....	104.3
		Sept. 9.....	99.2		
		Nov. 11.....	100.0		
		Dec. 25.....	100.2		

Measurements from San Gabriel Valley Protective Association.

C-211 I-H-11, MIDWICK COUNTRY CLUB. MAP 2

Location and description—600 feet northeast of Fremont Avenue at a point 2700 feet southeast of P. E. Ry., Monterey Park. 30 feet east of C-211f-H-11 and 100 feet east of C-211g-H-11.

Reference point—Top of casing, at ground.

Elevation of reference point—405, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2853C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1930—Cont.		1931—	
Jan. 6.....	16.5	Aug. 12.....	15.4	Jan. 13.....	15.3
Feb. 1.....	15.3	Sept. 9.....	15.6	Feb. 10.....	13.7
Mar. 18.....	12.6	Oct. 14.....	15.7	Mar. 10.....	14.0
April 29.....	14.2	Nov. 11.....	16.2	April 14.....	14.2
May 6.....	13.9	Dec. 23.....	16.1	June 16.....	13.9
July 29.....	15.9			Aug. 18.....	15.1
				Oct. 13.....	15.7
				Dec. 29.....	11.5

Measurements from San Gabriel Valley Protective Association.

C-211m-G-11, E. F. MITCHELL. MAP 2

Location and description—130 feet west of Warnick Avenue, 100 feet south of Allan Street, west of Alhambra.

Reference point—Top of casing, 3.5 feet below ground.

Elevation of reference point—428.5, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—117 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 2831.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—					
May 26.....	14.4				
Nov. 30.....	16.0				

Measurements from Los Angeles County Flood Control District.

C-212-H-12, ROBERT JONES. MAP 2

Location and description—100 feet west of San Gabriel Boulevard, 1500 feet north of Garvey Avenue, 350 feet north of Emerson Avenue, Monterey Park. Casing in back yard. No pit.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—283.6, from levels by D. W. R.

Use—Domestic.

Depth of well—30 feet.

Diameter of casing—6 inches.

Other numbers used—P. W. D. No. 1134; W. S. P. 219, No. 102, Pasadena; W. S. P. 468, No. 27; W. S. Jones, No. 504; D. W. R. Bulletins 5 and 6, No. 212-C-5; L. A. Co. F. C. D. No. 2903

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 7.....	20 9	Feb. 3.....	23 9	Jan. 7.....	28 8
Mar. 15.....	21 0	Mar. 23.....	22 3	Feb. 5.....	25 7
May 8.....	21 4	May 17.....	24 9	April 2.....	26 3
Aug. 6.....	22 1	Aug. 8.....	25 2	June 20.....	27 5
Nov. 28.....	23 0	Sept. 22.....	26 0	Aug. 26.....	25 8
		Oct. 25.....	28 1	Oct. 13.....	26 4
1929—		Nov. 11.....	25 3	Dec. 31.....	26 1
Jan. 26.....	*22 9	Dec. 11.....	26 6		
April 25.....	22 5				
June 5.....	23 0				
July 27.....	23 3				
Sept. 6.....	23 6				
Nov. 1.....	24 0				
Dec. 20.....	24 3				

* Pumped recently.

Measurements from San Gabriel Valley Protective Association.

C-213-H-12, B. F. DICKEN. MAP 2

Location and description—100 feet east of San Gabriel Boulevard, 100 feet south of Graves Avenue, east of Monterey Park.

Reference point—Hole in casing, 1 foot above ground.

Elevation of reference point—283.7, from levels by D. W. R.

Use—Domestic.

Depth of well—173 feet.

Diameter of casing—8 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 213-C-5; L. A. Co. F. C. D. No. 2914B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—Cont.		1930—Cont.	
Feb. 7.....	49 4	Aug. 27.....	48 0	July 14.....	64 1
Mar. 15.....	38 4	Sept. 26.....	42 2	Aug. 8.....	*66 6
Aug. 6.....	48 2	Nov. 1.....	46 7	Aug. 28.....	68 9
Oct. 13.....	45 6	Nov. 26.....	43 9	Oct. 23.....	55 2
Oct. 17.....	26 4	Dec. 20.....	44 7	Nov. 20.....	*66 5
Nov. 17.....	31 2				
Nov. 28.....	31 0	1930—		1931—	
1929—		Jan. 18.....	40 9	Jan. 23.....	60 9
Jan. 26.....	39 6	Feb. 11.....	41 4	June 6.....	57 2
April 25.....	39 4	Mar. 6.....	40 6	July 3.....	68 8
June 5.....	44 2	April 11.....	42 2	Sept. 12.....	67 1
July 3.....	48 5	June 25.....	46 8	Dec. 21.....	57 7
Aug. 2.....	47 8				

* Pumping in vicinity.

Measurements from San Gabriel Valley Protective Association.

C-214-G-13, MR. LONGLY. MAP 6

Log Available

Location and description—20 feet west of El Monte Avenue and 20 feet south of Palm Drive, east of Temple. Deep pit.

Reference point—Curb, 1 foot above ground, to and including May 6, 1929; then, hole in pump head, 1.8 feet above ground.

Elevation of reference point—370 to and including May 6, 1929; then, 370.8; from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—477 feet.

Other numbers used—State Div. E. & L., No. 53, Pasadena Quadrangle; Gierlich, No. 29; D. W. R. Bulletins 5 and 6, No. 214-D-4; L. A. Co. F. C. D. No. 4168.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 19.....	85 0	Jan. 10.....	96 9	Jan. 6.....	101 3
Oct. 18.....	90 4	Mar. 3.....	97 4	Mar. 10.....	102 0
Dec. 6.....	90 5	May 6.....	97 2	May 12.....	102 5
		June 24.....	98 6	July 28.....	104 7
1929—		July 29.....	99 1	Sept. 1.....	105 6
April 23.....	90 9	Sept. 7.....	101 1	Nov. 10.....	106 5
May 6.....	91 1			Dec. 29.....	105 9
July 29.....	94 5				
Aug. 19.....	95 5				
Sept. 20.....	95 4				
Oct. 5.....	96 5				
Nov. 12.....	96 5				
Dec. 30.....	97 4				

Measurements from San Gabriel Valley Protective Association.

C-215-G-13, S. G. HALL. MAP 6

Location and description—0.26 miles west of El Monte Avenue, 138 feet south of Live Oak Avenue, east of Temple.

Reference point—From March 19, 1928 to and including February 11, 1930, 1½-inch hole in pump base, 1.5 feet above ground; then, top of casing, 1 foot above ground.

Elevation of reference point—361.5 from March 19, 1928 to and including February 11, 1930; then, 361.0; from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—141 feet.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 215-D-4; L. A. Co. F. C. D. No. 4159.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 3.....	*77 0	Jan. 10.....	86 8	Jan. 6.....	89 8
Mar. 19.....	77 2	April 7.....	86 9	Mar. 2.....	89 5
Oct. 18.....	81 6	May 6.....	87 1	May 13.....	b90 9
Dec. 6.....	81 6	July 1.....	88 1	Aug. 11.....	b93 2
		Oct. 14.....	89 3	Oct. 24.....	b93 9
1929—				Nov. 19.....	b93 6
April 23.....	82 3				
June 13.....	83 5				
Oct. 5.....	86 0				
Dec. 16.....	86 6				

* Reference point—bottom of opening, east side of pump, at ground, at elevation 360.

b Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-216-G-13, E. D. McSWEENEY. MAP 6

Location and description—0.20 miles west of Baldwin Avenue, 125 feet south of Live Oak Avenue, 100 feet west of Agnes Street, south of Temple. Casing in open field.

Reference point—Top of casing, at ground, to and including December 6, 1928; then, top of inside well casing, 0.4 feet below ground.

Elevation of reference point—374.3 to and including December 6, 1928; then, 373.9; from levels by D. W. R.

Use—Not used.

Diameter of casing—10 inches

Other numbers used—P. W. D. No. 1154, D. W. R. Bulletins 5 and 6, No. 216-D-4; L. A. Co. F. C. D. No. 4149.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 3.....	92.9	Mar. 3.....	94.6	Jan. 27.....	96.8
Mar. 19.....	92.9	May 15.....	*94.7	Feb. 17.....	98.7
Aug. 9.....	93.4	June 7.....	*95.8	April 14.....	^b 100
Oct. 18.....	95.1	July 15.....	*97.2		
Nov. 19.....	95.4	Sept. 3.....	*98.0		
Dec. 6.....	94.8	Oct. 14.....	95.9		
		Nov. 25.....	96.3		
1929—		Dec. 23.....	96.2		
April 23.....	94.4				
May 20.....	95.1				
June 21.....	95.4				
July 11.....	95.7				
Sept. 3.....	93.5				
Oct. 17.....	93.7				
Dec. 30.....	94.3				

* Measurement from Pasadena Water Department.

^b Dry at this depth—Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-217-G-13, MISSION VIEW ACRES WATER COMPANY. MAP 6

Location and description—150 feet south of Live Oak Avenue and 15 feet east of Oak Avenue, produced south, south of Temple. Casing in deep pit.

Reference point—Top of pit, at ground, to and including March 17, 1931; then, top of cover, 0.2 feet above ground.

Elevation of reference point—385.0 to and including March 17, 1931; then, 385.2; from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—610 feet.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 217-D-4; L. A. Co. F. C. D. No. 4139.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 19.....	104.7	Feb. 11.....	118.1	Jan. 13.....	113.8
Oct. 18.....	106.6	April 14.....	118.2	Feb. 17.....	115.7
Dec. 6.....	106.4	May 27.....	*115.3	Mar. 17.....	117.0
		July 15.....	115.7	May 12.....	117.8
1929—		Oct. 14.....	118.1	July 14.....	119.3
April 23.....	107.8	Nov. 25.....	112.8	Oct. 6.....	120.6
May 10.....	115.1	Dec. 23.....	113.6	Dec. 29.....	119.5
July 2.....	116.9				
Aug. 10.....	117.5				
Sept. 26.....	117.8				
Oct. 28.....	118.7				
Dec. 30.....	119.4				

Measurements from San Gabriel Valley Protective Association.

C-219-G-13, E. D. McSWEENEY. MAP 6

Location and description—50 feet east of Rosemead Avenue, 100 feet south of Broadway, east of San Gabriel. Casing in north end of pump house.

Reference point—Bottom edge of pump base on top of steel eye beams, at ground.

Elevation of reference point—384, from U. S. G. S. topog. by D. W. R.

Use—Irrigation and domestic.

Depth of well—402 feet.

Diameter of casing—16 inches.

Other numbers used—P. W. D. No. 1153; D. W. R. Bulletins 5 and 6, No. 219-D-4; L. A. Co. F. C. D. No. 2920.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 19.....	112.8	Jan. 20.....	120.2	Jan. 27.....	124.0
July 9.....	*120.0	Feb. 28.....	120.7	Mar. 17.....	125.1
Dec. 6.....	116.0	May 16.....	*124.5	May 20.....	126.9
		June 3.....	*128.3	July 14.....	128.4
1929—		July 15.....	*128.8	Sept. 1.....	129.6
Feb. 12.....	*116.9	Sept. 4.....	*131.2	Oct. 13.....	129.2
April 20.....	*116.5	Sept. 30.....	125.4	Nov. 10.....	129.0
May 20.....	118.2	Nov. 11.....	125.0	Dec. 29.....	127.6
July 14.....	*121.1	Dec. 22.....	124.2		
Sept. 7.....	124.0				
Sept. 19.....	119.8				
Oct. 1.....	121.2				
Nov. 5.....	121.5				
Dec. 30.....	120.7				

* Measurement from Pasadena Water Department.

Measurements from San Gabriel Valley Protective Association except as noted.

C-220a-G-14, J. D. CLEMINSON. MAP 6

Log Available

Location and description—78 feet south of Olive Street, 550 feet west of Second Avenue, 0.56 miles east from El Monte Avenue, east of Temple.

Reference point—Bottom edge of pump base at hole in concrete where air line goes through, 0.3 feet above ground.

Elevation of reference point—325.5, from U. S. G. S. topog. by S. G. V. P. A.

Use—Irrigation.

Depth of well—178 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 4179C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Oct. 15.....	56.0	Feb. 6.....	57.3	Jan. 8.....	60.8
Nov. 1.....	56.2	Mar. 3.....	57.5	Feb. 3.....	61.2
Dec. 31.....	57.1	April 14.....	56.5	Feb. 17.....	60.6
		May 27.....	56.2	Mar. 31.....	61.1
		Aug. 26.....	59.3	April 14.....	61.8
		Oct. 14.....	60.1	May 19.....	61.2
		Nov. 11.....	60.5	June 23.....	62.0
		Dec. 9.....	60.7	July 21.....	62.9
				Aug. 25.....	64.4
				Oct. 6.....	65.1
				Dec. 29.....	65.5

Measurements from San Gabriel Valley Protective Association.

C-222g-G-13, JOHN WEAVER. MAP 6

Location and description—50 feet south of east and west road about 1000 feet north of Lower Azusa Road and 250 feet west of dirt road running north from intersection of Lower Azusa Road and Arden Drive, east of San Gabriel.

Reference point—(a) Top edge of 1½-inch hole in pump head, 0.6 feet above ground (b) Bottom edge of clamp on oil and air lines, at ground.

Elevation of reference point—(a) 318.6 (b) 318, from U. S. G. S. topog. by S. G. V. P. A.

Use—Domestic and irrigation.

Depth of well—459 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 2950F.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Sept. 7.....	*59 0	Jan. 7.....	*56 4	Jan. 8.....	b59 0
Oct. 8.....	*56 5	Feb. 6.....	*56 0	Feb. 10.....	b58 4
Nov. 2.....	*56 1	Mar. 3.....	*56 2	Mar. 3.....	b58 9
Nov. 29.....	*56 3	Mar. 31.....	*55 0	Mar. 31.....	b62 9
Dec. 30.....	*57 8	April 29.....	*60 1	April 14.....	b61 2
		May 13.....	*54 6	May 12.....	b59 3
		July 1.....	*56 8	Sept. 1.....	*67 6
		Aug. 12.....	*60 5	Sept. 29.....	*64 6
		Sept. 30.....	*61 7	Oct. 20.....	*67 6
		Oct. 28.....	b59 6	Nov. 23.....	*64 6
		Dec. 9.....	b59 2	Dec. 29.....	*63 8

^a Reference point (a) used.

^b Reference point (b) used.

^c Pumped recently.

Measurements from San Gabriel Valley Protective Association.

C-222i-G-13, MR. CUSHING, AIR NO. 2. MAP 6

Location and description—130 feet east of Sunset Boulevard, 700 feet south of Olive Street, south of Temple, 92 feet east of No. 1.

Reference point—Top of 4½-inch blocks on casing, 2.5 feet above ground.

Elevation of reference point—344, from U. S. G. S. topog. by S. G. V. P. A.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2940B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Oct. 11.....	*76 1	Jan. 6.....	75 1	Jan. 8.....	77 5
Oct. 29.....	b83 5	Feb. 11.....	75 2	Feb. 3.....	77 4
Nov. 2.....	75 5	Mar. 3.....	74 7	Feb. 17.....	77 2
Nov. 22.....	77 2	April 7.....	75 1	Mar. 3.....	78 0
Dec. 27.....	*77 7	May 6.....	75 3	April 7.....	81 6
		June 24.....	77 2	May 26.....	79 2
		Oct. 14.....	80 9	June 30.....	81 5
		Nov. 11.....	79 3	Oct. 20.....	84 0
		Dec. 23.....	77 8	Dec. 1.....	81 4
				Dec. 29.....	81 1

^a Pumped recently.

^b Pumping.

Measurements from San Gabriel Valley Protective Association.

C-223-G-13, JOHNSON SING. MAP 6

Log Available

Location and description—25 feet south of Lower Azusa Road, 125 feet west of El Monte Avenue, north of El Monte. Casing in shallow pit.

Reference point—Top of timber supporting pump at ground

Elevation of reference point—306.2, from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—190 feet.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 223-D-4; W. S. Jones No. 424; L. A. Co. F. C. D. No. 2960.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 19	28.2	Jan. 30	39.6	Jan. 27	44.1
		Feb. 14	39.8	Feb. 10	43.4
1929—		Mar. 7	40.0	Mar. 3	43.5
April 27	34.5	April 7	40.6	May 12	44.2
May 4	35.1	May 6	39.7	June 9	46.1
July 10	36.6	Aug. 12	41.8	Sept. 1	48.0
Aug. 15	37.3	Oct. 14	44.8	Oct. 6	48.2
Sept. 3	37.8	Nov. 25	43.6	Nov. 10	47.9
Sept. 12	38.2	Dec. 9	44.4	Dec. 29	47.7
Oct. 26	38.6				
Nov. 26	39.0				
Dec. 30	39.7				

Measurements from Sao Gabriel Valley Protective Association.

C-224f-G-13, FRANK TURK (FORMERLY CHARLES GIDLEY). MAP 6

Location and description—150 feet south of Lower Azusa Road, 1000 feet west of Baldwin Avenue, north of El Monte. West one of two wells.

Reference point—Top of platform, 1.5 feet above ground, to and including October 9, 1931; then, top of concrete block around casing, 1.1 feet above ground.

Elevation of reference point—314.6 to and including October 9, 1931; then, 314.2; from U. S. G. S. topog. by S. G. V. P. A.

Use—Domestic.

Depth of well—250 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 2941H.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 7	41.2	Feb. 1	50.7	Jan. 24	53.4
Mar. 19	41.9	Mar. 22	50.1	Feb. 21	53.3
1929—		May 17	51.2	Mar. 7	57.1
April 27	46.5	June 28	57.0	April 4	53.0
May 20	47.7	Sept. 27	59.5	May 2	54.6
Aug. 16	54.4	Oct. 11	56.3	June 6	56.9
Sept. 24	49.4	Dec. 27	54.5	July 25	59.8
Oct. 5	54.2			Sept. 5	59.6
Nov. 25	50.7			Oct. 10	57.7
Dec. 28	51.7			Dec. 29	56.6

Measurements from Sao Gabriel Valley Protective Association.

C-227-G-13, A. DINSMORE. MAP 6

Location and description—200 feet south of Valley Boulevard, 0.20 miles east of Mission Drive, north of El Monte.

Reference point—Top of concrete curb, south side, 0.5 feet above ground.

Elevation of reference point—287.1, from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—87 feet.

Diameter of casing—12 inches.

Other numbers used—W. S. P. 468, No. 28a; D. W. R. Bulletins 5 and 6, No. 227-D-4; L. A. Co. F. C. D. No. 2931.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Jan. 31.....	20 0	Feb. 26.....	23 4	Jan. 21.....	23 0
Mar. 19.....	18 5	April 4.....	23 4	Feb. 21.....	24 8
Oct. 13.....	21 0	June 23.....	23 4	Mar. 12.....	23 6
Nov. 28.....	21 1	Aug. 6.....	23 7	May 20.....	24 1
		Oct. 15.....	23 9	Aug. 12.....	26 6
1929—		Nov. 19.....	25 9	Dec. 26.....	*25 2
April 25.....	20 6	Dec. 26.....	23 7		
June 21.....	21 6				
Aug. 14.....	22 4				
Oct. 31.....	23 7				
Dec. 19.....	23 9				

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-230a-11-13, HENRY BEU. MAP 6

Log Available

Location and description—170 feet south of Valley Boulevard, 100 feet east of Arden Drive extended south, west of El Monte.

Reference point—Top of casing, 0.3 feet above ground.

Elevation of reference point—277, from U. S. G. S. topog. by D. W. R.

Use—Irrigation and domestic.

Depth of well—157 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2952B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 13.....	19 9	Feb. 8.....	23 6	Jan. 6.....	23 6
		Mar. 5.....	23 9	Jan. 30.....	24 2
1929—		Mar. 24.....	22 3	Feb. 17.....	23 7
April 23.....	18 9	May 16.....	22 2	Mar. 14.....	24 9
May 6.....	19 2	June 18.....	23 3	April 22.....	24 6
June 5.....	20 7	July 10.....	24 6	May 26.....	24 7
July 23.....	21 8	Sept. 8.....	23 8	June 26.....	26 0
Aug. 6.....	22 1	Oct. 8.....	23 0	Aug. 12.....	29 1
Sept. 16.....	23 0	Nov. 10.....	23 8	Sept. 8.....	31 7
Nov. 5.....	23 2	Dec. 2.....	24 7	Sept. 22.....	33 1
Dec. 19.....	23 9	Dec. 26.....	24 2	Oct. 20.....	Scaled

Measurements from San Gabriel Valley Protective Association.

C-232a-H-13, C. H. CLARK. MAP 6

Location and description—225 feet south of Mildred Street, 150 feet west of Hoyt Street, El Monte.
Reference point—Top of casing, 1.8 feet above ground.

Elevation of reference point—271.4, from levels by D. W. R.

Use—Not used.

Depth of well—61 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 219, No. 479, Pasadena; W. S. P. 468, No. 31; D. W. R. Bulletins 5 and 6
 No. 232a-D-5; L. A. Co. F. C. D. No. 2953A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 1.....	16.9	Feb. 3.....	25.1	Jan. 20.....	27.7
May 8.....	18.1	Mar. 10.....	24.9	Feb. 16.....	27.2
Oct. 13.....	21.7	April 4.....	24.6	Mar. 2.....	27.0
Nov. 13.....	22.0	May 6.....	24.5	Mar. 30.....	27.5
Nov. 27.....	21.7	June 20.....	25.3	April 28.....	27.6
		Aug. 28.....	27.3	May 25.....	27.5
1929—		Sept. 29.....	27.8	June 29.....	28.6
Jan. 26.....	21.2	Nov. 11.....	26.8	July 25.....	29.6
May 6.....	20.9	Dec. 27.....	27.6	Aug. 31.....	30.3
July 2.....	22.8			Sept. 28.....	30.8
July 25.....	24.3			Oct. 30.....	31.1
Aug. 6.....	24.3			Nov. 30.....	31.3
Sept. 26.....	25.0			Dec. 15.....	31.6
Nov. 1.....	25.4			Dec. 28.....	29.8
Dec. 20.....	25.5				

Measurements from San Gabriel Valley Protective Association.

C-234-H-13, PORTLAND CEMENT COMPANY. MAP 6

Location and description—300 feet east of Rosemead Avenue, 1500 feet east of Rio Hondo River,
 100 feet north of Garvey Avenue, southwest of El Monte.

Reference point—Hole in west side of casing, 1 foot above ground.

Elevation of reference point—244.3, from levels by D. W. R.

Use—Domestic.

Depth of well—75 feet.

Diameter of casing—6 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 234-D-5; L. A. Co. F. C. D. No. 2933.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 1.....	6.4	Feb. 3.....	8.3	Jan. 7.....	10.1
Aug. 6.....	8.3	April 4.....	8.2	Feb. 23.....	7.9
		May 6.....	7.9	Mar. 4.....	9.5
1929—		June 20.....	10.8	April 11.....	8.4
April 23.....	7.5	July 16.....	10.0	June 26.....	9.7
June 5.....	8.4	Sept. 15.....	10.3	Aug. 8.....	8.6
Aug. 2.....	9.2	Oct. 17.....	10.0	Sept. 8.....	7.6
Oct. 8.....	9.5	Nov. 6.....	10.6	Oct. 13.....	13.3
Dec. 17.....	8.9	Dec. 27.....	9.9	Nov. 18.....	10.9
				Dec. 31.....	8.2

Measurements from San Gabriel Valley Protective Association.

C-235-11-13, WILLIAM H. HARMON. MAP 6

Log Available

Location and description—200 feet west of Rosemead Avenue, produced, and 100 feet south of Garvey Avenue, east of Monterey Park.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—244 b, from levels by D. W. R.

Use—Domestic.

Depth of well—100 feet.

Diameter of casing—8 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 235-D-5; L. A. Co. F. C. D. No. 2923.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 7.....	3.3	Feb. 3.....	5.2	Jan. 7.....	4.9
Mar. 15.....	3.9	Mar. 21.....	4.4	Feb. 5.....	4.5
Aug. 6.....	5.2	May 6.....	4.9	Feb. 18.....	5.6
Oct. 31.....	4.9	July 8.....	5.3	Mar. 14.....	6.6
Nov. 28.....	4.2	Sept. 4.....	6.5	May 20.....	5.9
		Oct. 17.....	6.4	July 20.....	6.7
1929—		Dec. 3.....	6.6	Sept. 8.....	8.8
Jan. 26.....	3.9	Dec. 27.....	5.9	Oct. 7.....	6.4
April 25.....	4.6			Nov. 13.....	8.6
May 10.....	5.0			Dec. 31.....	4.6
June 21.....	6.5				
July 2.....	5.6				
Sept. 16.....	5.9				
Oct. 23.....	5.4				
Nov. 1.....	6.3				
Dec. 20.....	5.5				

Measurements from San Gabriel Valley Protective Association.

C-236-H-13, JOSEPH SLAUGHTER. MAP 6

Log Available

Location and description—100 feet southeast of Mountain View Avenue and 25 feet southwest of Slaughter Avenue, south of El Monte.

Reference point—Top of casing, at ground.

Elevation of reference point—258.8, from levels by D. W. R.

Use—Domestic.

Depth of well—59 feet.

Diameter of casing—6 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 236-D-5; L. A. Co. F. C. D. No. 2964.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 1.....	6.1	Feb. 3.....	15.3	Jan. 5.....	16.6
Oct. 13.....	11.0	Mar. 10.....	13.4	Jan. 27.....	17.5
Nov. 28.....	10.8	April 19.....	13.6	Feb. 16.....	15.6
		July 12.....	14.7	Mar. 2.....	16.5
1929—		Aug. 7.....	14.8	April 6.....	16.0
April 23.....	9.5	Sept. 6.....	17.0	June 15.....	16.6
May 21.....	10.6	Nov. 10.....	17.0	Aug. 18.....	18.8
June 14.....	11.4	Dec. 20.....	16.9	Oct. 30.....	23.2
July 11.....	14.0			Dec. 15.....	20.4
Sept. 7.....	14.2				
Oct. 18.....	14.2				
Dec. 20.....	14.9				

Measurements from San Gabriel Valley Protective Association.

C-237w-H-13, J. B. BODGER & SONS COMPANY, NO. 7. MAP 6

Location and description—100 feet southeast of Lexington Road, 600 feet northeast of intersection of Central and Wilson Streets, south of El Monte.

Reference point—Top of casing, 0.2 feet above ground.

Elevation of reference point—240, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—100 feet.

Other numbers used—L. A. Co. F. C. D. No. 2955G

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
April 23	7.5	Feb. 17	7.9	Jan. 17	7.5
May 21	6.8	Mar. 20	7.4	Feb. 13	7.5
June 27	7.8	April 7	8.6	April 4	9.7
July 23	8.7	May 14	7.9	May 18	^a 9.8
Aug. 22	8.9	June 16	9.9	July 21	15.6
Oct. 29	8.9	Aug. 7	10.1	Aug. 13	14.6
Dec. 20	8.7	Sept. 16	10.6	Dec. 2	^a 11.9
		Oct. 17	10.0		
		Nov. 15	10.6		
		Dec. 27	10.7		

^a Measurement from Los Angeles County Flood Control District.

Measurements from Sao Gabriel Valley Protective Association except as noted.

C-238q-I-13, URBAN F. ESTRADA. MAP 6

Log Available

Location and description—100 feet south of Syphon Road, 850 feet east of Durfee Road, south of El Monte.

Reference point—Top of blocks over casing, 2.5 feet above ground, to and including December 16, 1930; then, top of casing, 2.2 feet above ground.

Elevation of reference point—211.8, to and including December 16, 1930; then, 211.5; from U. S. G. S. topog. by S. G. V. P. A.

Use—Domestic.

Depth of well—60 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 2937F.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Sept. 3	7.6	May 6	7.7	Mar. 6	7.4
Nov. 26	6.8	June 18	7.5	Sept. 24	8.8
		Aug. 31	8.7	Oct. 27	8.0
		Oct. 9	7.7	Dec. 16	8.1
		Dec. 16	7.6		
				1931—	
				Nov. 20	8.4

Measurements from San Gabriel Valley Protective Association.

C-239-11-13, J. E. PALMER. MAP 6

Location and description—150 feet southeast of Lexington Road at a point 243 feet northeast of turn to northeast in Lexington Road (first turn north of Temple School), south of El Monte.

Reference point—Blocks over casing, 2.5 feet above ground.

Elevation of reference point—228, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—49 feet.

Diameter of casing—6 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 239-D-5; L. A. Co. F. C. D. No. 2946.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Feb. 1.....	10 7	April 23.....	11 3	Feb. 3.....	11 7
Aug. 10.....	12 0	May 21.....	11 7	Mar. 21.....	11 5
Oct. 13.....	11 6	June 14.....	12 3	April 4.....	11 8
Nov. 28.....	11 4	July 23.....	12 6	Oct. 25.....	12 8
		Aug. 22.....	12 6		
		Sept. 26.....	12 3	1931—	
		Nov. 1.....	12 8	Mar. 13.....	9 4
		Dec. 20.....	12 2	May 25.....	13 4
				June 16.....	11 7
				Sept. 25.....	15 9
				Nov. 20.....	10 3
				Dec. 28.....	12 4

Measurements from San Gabriel Valley Protective Association.

C-240q-I-13, MONTEREY PARK LAND & WATER COMPANY. MAP 6

Location and description—400 feet south of Syphon Road (Mission Mill Road), 75 feet west of Cate Ditch, 3700 feet east of Durfee Road, south of El Monte.

Reference point—Top of casing, 0.8 feet above ground, to and including August 21, 1930; then, top of platform 0.4 feet higher.

Elevation of reference point—210.8 to and including August 21, 1930; then, 211.2; from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Depth of well—400 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 2947A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
June 17.....	2 6	Jan. 17.....	2 0	Jan. 29.....	3 6
July 26.....	3 5	Mar. 20.....	2 2	Feb. 26.....	3 4
Aug. 3.....	3 6	May 15.....	2 9	April 16.....	4 6
Oct. 25.....	2 9	July 10.....	3 3	May 7.....	3 4
Dec. 27.....	3 1	Aug. 21.....	4 0	June 4.....	4 4
		Oct. 23.....	3 6	Aug. 20.....	5 6
		Dec. 24.....	4 2	Nov. 4.....	4 9
				Dec. 23.....	4 0

Measurements from San Gabriel Valley Protective Association.

C-241-F-14, J. N. TEAGUE. MAP 6

Location and description—25 feet west of First Avenue, 1200 feet north of Valnette Avenue, Arcadia.
Casing in open. No pit.

Reference point—Top of casing, 0.8 feet above ground, to and including October 1, 1929; then, top of platform over well, 0.4 feet above top of casing.

Elevation of reference point—416.6 to and including October 1, 1929; then, 417.0; from levels by Gierlich.

Use—Not used.

Depth of well—325 feet.

Diameter of casing—12 inches.

Other numbers used—Gierlich No. 25; D. W. R. Bulletins 5 and 6, No. 241-E-3; L. A. Co. F. C. D. No. 4177.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 3.....	128.3	Feb. 15.....	142.0	Feb. 7.....	146.3
Aug. 9.....	131.6	April 5.....	142.2	April 4.....	147.0
Oct. 18.....	133.7	June 28.....	142.7	July 4.....	148.0
Dec. 4.....	134.7	Oct. 4.....	144.6	Oct. 3.....	150.1
		Dec. 27.....	145.9	Dec. 29.....	151.3
1929—					
Jan. 26.....	135.4				
April 27.....	136.2				
July 2.....	137.0				
Aug. 27.....	138.4				
Oct. 1.....	139.1				
Dec. 28.....	141.2				

Measurements from San Gabriel Valley Protective Association.

C-242-F-14, BRADBURY ESTATE, NO. 28. MAP 6

Location and description—500 feet west of Peck Road, 0.3 miles south of Duarte Road, 50 feet west of wash, Arcadia.

Reference point—Bottom of pump base, 1.5 feet above ground, to and including February 8, 1930; then, top of casing, 1.3 feet above ground.

Elevation of reference point—404.5 to and including February 8, 1930; then, 404.3; from levels by D. W. R.

Use—Irrigation.

Depth of well—292 feet.

Diameter of casing—14 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 242-E-3; L. A. Co. F. C. D. No. 4197.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 13.....	118.2	Jan. 4.....	134.7	Mar. 23.....	138.5
Oct. 18.....	126.8	Feb. 8.....	134.3	April 14.....	139.4
		Dec. 3.....	*139.1	July 27.....	141.5
1929—				Sept. 7.....	143.2
May 15.....	126.5			Dec. 1.....	144.6
July 3.....	130.0			Dec. 29.....	143.8
Aug. 14.....	134.1				
Dec. 28.....	134.3				

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-243-F-14, BEARDSLEY WATER DITCH COMPANY. MAP 6

Log Available

Location and description—20 feet west of Mountain Avenue, 600 feet south of Euclid Avenue, south of Monrovia. Casing in shallow pump pit.

Reference point—Edge of curb, at ground, to and including July 2, 1929; then, bottom edge of pump base, 1 foot above ground.

Elevation of reference point—413.5 to and including July 2, 1929; then, 414.5; from levels by D. W. R. Use—Irrigation.

Depth of well—352 feet.

Other numbers used—O. A. Gierlich No. 31; D. W. R. Bulletins 5 and 6, No. 243-E-3; L. A. Co. F. C. D. No. 4217.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 18.....	137.2	Jan. 9.....	145.0	Jan. 6.....	148.4
Dec. 4.....	138.1	Mar. 11.....	145.1	Mar. 17.....	148.1
		April 27.....	142.9	April 21.....	149.1
1929—		June 17.....	141.0	June 2.....	148.4
July 2.....	137.2	Sept. 29.....	146.5	Nov. 17.....	154.8
Dec. 28.....	144.7	Dec. 22.....	148.4	Dec. 29.....	154.5

Measurements from San Gabriel Valley Protective Association.

C-243a-G-14, HARVEY BROTHERS ROCK COMPANY. MAP 6

Location and description—1250 feet east of Mountain Avenue, 1075 feet south of Meridian Street, south of Monrovia.

Reference point—Edge of pump base casting, 0.6 feet above ground.

Elevation of reference point—395, from U. S. G. S. topog. by D. W. R.

Use—Domestic and industrial.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 4218.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Dec. 21.....	126.6	Jan. 6.....	129.4	Jan. 12.....	133.8
1930—		Feb. 3.....	130.4		
Jan. 9.....	127.0	April 21.....	130.9		
Mar. 8.....	126.9	June 23.....	130.8		
Mar. 17.....	126.7	Nov. 3.....	136.7		
May 20.....	121.6				
June 10.....	122.1				
Aug. 26.....	126.7				

Measurements from San Gabriel Valley Protective Association.

C-243b-F-14, CITY OF MONROVIA—LOWER NORUMBEGA WELL. MAP 6

Location and description—150 feet northeast of Norumbega Drive crossing over Sawpit Creek, Monrovia. 6' x 6' dug pit to tunnel under creek.

Reference point—Floor of pump house, at ground.

Elevation of reference point—785, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Municipal.

Depth of well—80 feet.

Other numbers used—L. A. Co. F. C. D. No. 4203.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 26.....	69.5	April 12.....	*25.3	Mar. 31.....	46.5
Aug. 30.....	*59.1	May 17.....	*31.2	May 15.....	47.8
		Nov. 25.....	47.8	July 9.....	50.7
		Dec. 3.....	69.6	Sept. 9.....	45.4
				Dec. 15.....	50.0

* Measurement by Monrovia Water Department.

Measurements from Los Angeles County Flood Control District.

C-244-G-14, WILLIAM ST. VINCENT. MAP 6

Log Available

Location and description—135 feet west of Sixth Avenue, 1000 feet south of Valnetta Avenue, Arcadia. Casing in yard in front of house.

Reference point—Top of casing, 0.2 feet above ground.

Elevation of reference point—383.3, from levels by Gierlich.

Use—Not used.

Depth of well—125 feet.

Other numbers used—Gierlich No. 11, W. S. Jones No. 407; D. W. R. Bulletins 5 and 6, No. 244-E-4; L. A. Co. F. C. D. No. 4188.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 3.....	95.5	Jan. 30.....	109.8	Jan. 6.....	113.7
Mar. 13.....	95.7	Mar. 17.....	110.3	Feb. 24.....	113.9
May 8.....	96.5	May 27.....	109.5	Mar. 25.....	114.2
Aug. 9.....	99.2	Sept. 9.....	111.5	June 2.....	114.9
Oct. 18.....	102.0	Nov. 11.....	113.0	July 21.....	115.8
Dec. 4.....	103.0			July 28.....	Dry
1929—					
April 23.....	104.0				
June 3.....	105.0				
July 27.....	105.4				
Sept. 7.....	106.7				
Dec. 28.....	109.3				

Measurements from San Gabriel Valley Protective Association.

C-247i-G-14, J. B. SNODDY. MAP 6

Location and description—150 feet south of Live Oak Avenue, 400 feet west of Sixth Avenue extended, south of Arcadia.

Reference point—Top of blocks over casing, 1.3 feet above ground.

Elevation of reference point—344, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—120 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 4189D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 18.....	66.6	Jan. 30.....	73.6	Jan. 27.....	77.4
Dec. 4.....	67.4	Feb. 28.....	73.9	Mar. 5.....	76.4
		Mar. 24.....	73.4	Apr. 2.....	78.0
1929—		Apr. 3.....	72.4	June 2.....	77.9
Jan. 26.....	67.9	May 13.....	72.0	July 3.....	80.9
April 25.....	67.0	June 10.....	72.4	Nov. 3.....	82.4
June 5.....	68.4	July 29.....	74.0	Dec. 31.....	80.0
Aug. 2.....	69.0	Sept. 9.....	75.3		
Sept. 24.....	71.5	Dec. 9.....	77.0		
Nov. 14.....	72.8	Dec. 26.....	74.7		
Dec. 30.....	73.4				

Measurements from San Gabriel Valley Protective Association.

C-248-G-14, SNODDY RANCH. MAP 6

Location and description—50 feet south of dirt road, 0.3 miles south of Live Oak Avenue, 425 feet east of Second Avenue, south of Arcadia.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—330.0, from levels by Gierlich.

Use—Domestic.

Diameter of casing—10 inches.

Other numbers used—Gierlich No. 26; W. S. Jones No. 415; D. W. R. Bulletins 5 and 6, No. 248-E-4; L. A. Co. F. C. D. No. 4179.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 28.....	48 0	Jan. 18.....	62 0	Jan. 27.....	65 6
May 8.....	49 2	Mar. 3.....	62 4	Mar. 3.....	65 1
Aug. 9.....	52 4	April 29.....	61 4	April 21.....	66 2
Oct. 18.....	54 9	May 20.....	60 1	Aug. 4.....	67 9
		July 15.....	62 2	Dec. 29.....	70 6
1929—		Oct. 28.....	64 8		
April 23.....	55 0	Dec. 23.....	65 3		
May 21.....	56 1				
June 13.....	56 9				
Aug. 10.....	58 9				

Measurements from San Gabriel Valley Protective Association.

C-249-G-14, R. T. PIERCY. MAP 6

Location and description—300 feet east of Peck Road, 200 feet south of Hemlock Street, north of El Monte.

Reference point—Bottom edge of pump base, 0.3 feet above ground.

Elevation of reference point—332.2, from levels by D. W. R.

Use—Domestic.

Depth of well—80 feet.

Diameter of casing—6 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 249-E-4, L. A. Co. F. C. D. No. 2980.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 3.....	48 9	Jan. 21.....	68 2	Jan. 6.....	71 8
Mar. 15.....	52 3	Feb. 15.....	68 2	Feb. 16.....	70 4
Aug. 6.....	58 3	April 3.....	64 1	April 28.....	71 9
Oct. 18.....	61 0	July 29.....	68 2	June 1.....	71 1
Nov. 28.....	61 8	Aug. 26.....	69 5	Oct. 20.....	76 8
		Oct. 21.....	68 7	Dec. 14.....	77 8
1929—				1932—	
Jan. 26.....	61 8			Jan. 4.....	75 2
April 25.....	59 5				
June 13.....	62 1				
Aug. 2.....	64 2				
Sept. 21.....	66 6				
Oct. 8.....	66 4				
Dec. 28.....	68 1				

Measurements from San Gabriel Valley Protective Association.

C-251-G-14, MR. COLE (FORMERLY T. R. McMICHAEL). MAP 6

Location and description—250 feet north of Lambert Avenue, 150 feet west of Peck Road, 0.6 miles north of P. E. Ry., north of El Monte.

Reference point—Top of board on casing, 0.9 feet above ground, to and including March 4, 1930 then, top of casing, 0.7 feet above ground.

Elevation of reference point—315.0 to and including March 4, 1930; then, 314.8; from levels by D. W. R.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 251-E-4; L. A. Co. F. C. D No. 2981.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 1	40.9	Jan. 16	55.1	Jan. 6	58.4
Mar. 15	40.7	April 5	53.3	Mar. 30	57.6
Aug. 6	46.2	July 19	55.9		
Oct. 18	46.7	Sept. 6	57.1		
		Sept. 20	55.2		
1929—		Nov. 24	61.9		
April 27	47.7	Dec. 26	60.0		
May 23	48.5				
July 16	51.0				
Sept. 6	53.4				
Dec. 19	55.1				

Measurements from Sao Gabriel Valley Protective Association.

C-251h-G-14, MR. COLE (FORMERLY T. R. McMICHAEL). MAP 6

Log Available

Location and description—250 feet west of Peck Road, 100 feet north of Lambert Avenue, north of El Monte.

Reference point—Top of casing, 0.6 feet above ground.

Elevation of reference point—314, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—115 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. . 2981A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—					
April 21	58.1				
May 18	57.4				
June 22	58.7				
Sept. 7	62.3				
Nov. 23	63.6				
Dec. 29	63.2				

Measurements from San Gabriel Valley Protective Association.

C-253-H-14, T. M. WIGGINS. MAP 6

Log Available

Location and description—106 feet east of Peek Road, 170 feet south of Holt Avenue, east of El Monte.

Reference point—Top of board over casing, 0.8 feet above ground, to and including August 9, 1929, then, top of casing, 0.6 feet above ground.

Elevation of reference point—294.6 to and including August 9, 1929, then, 294.4, from levels by D. W. R.

Use—Domestic.

Depth of well—78 feet.

Diameter of casing—7 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 253-E-5; L. A. Co. F. C. D. No. 2972.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Feb. 1	25 7	April 23	32 0	Feb. 15	38 3
Mar. 15	25 4	May 20	32 5	April 5	37 4
Oct. 18	33 0	Aug. 9	35 8	June 14	37 0
Nov. 27	33 4	Aug. 21	36 3	July 19	39 1
		Sept. 19	37 4	Aug. 27	38 5
		Nov. 5	38 1		
		Dec. 19	39 0		

Measurements from San Gabriel Valley Protective Association.

C-253j-H-14, T. M. WIGGINS. MAP 6

Location and description—170 feet south of Holt Avenue, 101 feet east of Peek Road, east of El Monte.

Reference point—Top edge of 1/2-inch hole in 2" x 12" board, 0.9 feet above ground.

Elevation of reference point—294.9, from U. S. G. S. topog. by S. G. V. P. A.

Use—Domestic.

Depth of well—78 feet.

Diameter of casing—7 inches.

Other numbers used—L. A. Co. F. C. D. No. 2972A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
April 28	*36 8	Feb. 2	41 3	Nov. 6	47 6
Sept. 6	41 0	May 2	42 0	Dec. 31	46 8
Dec. 26	42 9	June 29	43 0		
		Sept. 14	46 4		

* Measurement from Los Angeles County Flood Control District. Reference point, top of casing 0.7 feet above ground.

Measurements from San Gabriel Valley Protective Association except as noted.

C-256q-11-14, CALIFORNIA DOMESTIC WATER COMPANY. MAP 6

Location and description—1410 feet north of S. P. R. R., 547 feet east of Gilman Road, southeast of El Monte.

Reference point—Inside edge of 30-inch pipe, 6 feet below ground.

Elevation of reference point—292, from U. S. G. S. topog. by S. G. V. P. A.

Use—Irrigation and domestic.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 2993L.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Oct. 4	36 3	Feb. 3	32 5	Jan. 5	35 7
		April 4	30 8	Mar. 2	33 4
		Sept. 4	37 2	Mar. 30	35 2
		Sept. 8	40 2	May 2	36 7
		Nov. 10	41 5	June 29	42 1
		Dec. 8	39 6	July 20	43 5
				Dec. 21	40 7

Measurements from San Gabriel Valley Protective Association.

C-259-H-14, R. ELLIOTT. MAP 6

Location and description—200 feet south of Valley Boulevard, 500 feet east of Covina Boulevard, extended south across S. P. R. R., southeast of El Monte. Windmill by tank house.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—292.0, from levels by D. W. R.

Use—Domestic.

Depth of well—125 feet.

Diameter of casing—8 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 259-E-5; L. A. Co. F. C. D. No. 3005.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Jan. 31.....	21 0	Feb. 3.....	33 8	Jan. 27.....	36.9
Aug. 10.....	28 1	Mar. 21.....	32 9	Feb. 23.....	35 9
Oct. 13.....	30 0	April 19.....	33 5	April 6.....	38 4
Nov. 13.....	29 5	May 13.....	32 5	May 25.....	36.9
Dec. 4.....	28.6	Sept. 29.....	38 8	July 20.....	43 0
		Nov. 10.....	39.0	Sept. 7.....	45 1
		Dec. 8.....	38.2	Nov. 2.....	43 9
1929—				Dec. 21.....	42.4
April 22.....	27.2				
July 2.....	33 6				
Aug. 3.....	35.4				
Sept. 26.....	34 8				
Nov. 8.....	35 2				
Dec. 20.....	35.4				

Measurements from San Gabriel Valley Protective Association.

C-262-H-14, J. E. VAN WIG. MAP 6

Log Available

Location and description—100 feet west of Vineland Avenue, 0.3 mile south from Walnut Creek and 0.25 mile north of Elliot Avenue, southwest of Baldwin Park.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—320.1, from levels by D. W. R.

Use—Domestic.

Depth of well—63 feet.

Diameter of casing—6 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 262-E-5; L. A. Co. F. C. D. No. 3023.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 9.....	40 4	Mar. 21.....	56 0	Feb. 16.....	59 5
Aug. 10.....	47 9	May 21.....	54 6	Mar. 30.....	59.0
Nov. 19.....	50.5	July 21.....	58 6	April 23.....	61 6
Dec. 4.....	59 6	Sept. 6.....	61.4	June 8.....	60.5
		Oct. 27.....	60 9	July 27.....	65 1
1929—		Nov. 24.....	61 5	Sept. 21.....	67 3
April 22.....	49 8	Dec. 22.....	61.2	Nov. 9.....	67.4
May 17.....	49.8			Dec. 28.....	68 0
June 26.....	52.0				
July 26.....	53 6				
Aug. 6.....	54 5				
Sept. 12.....	56 0				
Nov. 16.....	55 8				
Nov. 18.....	56 2				
Dec. 19.....	56 7				

Measurements from San Gabriel Valley Protective Association.

C-264-H-14, R. L. ALSWORTH. MAP 6

Location and description—25 feet west of Willow Avenue, 25 feet south of Temple Avenue, south of Baldwin Park.

Reference point—Top of pump, 1 foot above ground.

Elevation of reference point—307.0, from levels by D. W. R.

Use—Irrigation.

Depth of well—148 feet.

Diameter of casing—12 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 264-E-5; L. A. Co. F. C. D. No. 3025.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 9.....	28 1	Feb. 3.....	42 4	Feb. 2.....	45 7
Aug. 10.....	38 3	Mar. 21.....	41 6	April 3.....	45 8
Oct. 19.....	38 5	May 21.....	43 7	May 2.....	46 8
Dec. 4.....	36 4	Aug. 19.....	44 2	June 1.....	46 6
		Sept. 4.....	50 8	June 22.....	50 0
1929—				Aug. 24.....	54 1
April 22.....	36 3			Oct. 14.....	47 6
June 12.....	41 8				
Sept. 6.....	45 7			1932—	
Oct. 7.....	44 5			Jan. 4.....	51 1
Nov. 18.....	44 5				
Dec. 19.....	44 6				

Measurements from San Gabriel Valley Protective Association.

C-266-H-14, CROSS WATER COMPANY—SIXTH STREET WELL. MAP 6

Location and description—50 feet north of Proctor Avenue and 60 feet west of Sixth Avenue, north-west of Puente.

Reference point—Top of curb, 1 foot above ground.

Elevation of reference point—294.5, from levels by D. W. R.

Use—Irrigation.

Diameter of casing—16 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 266-E-5; L. A. Co. F. C. D. No. 3016.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 22.....	15 9	Jan. 17.....	27 2	Jan. 17.....	32 7
Aug. 11.....	28 7	Mar. 17.....	26 6	Mar. 15.....	30 3
		April 15.....	30 2	May 15.....	32 1
1929—		May 6.....	27 2	Aug. 6.....	42 6
April 26.....	25 4	Aug. 20.....	31 6	Oct. 30.....	43 4
May 23.....	29 5	Sept. 22.....	38 3	Dec. 28.....	36 7
July 2.....	31 6	Nov. 11.....	34 4		
Sept. 19.....	33 1	Dec. 27.....	37 0		
Nov. 8.....	32 8				
Dec. 19.....	31 5				

Measurements from San Gabriel Valley Protective Association.

C-267-H-14, P. BRIANO. MAP 6

Log Available

Location and description—250 feet northwest of Workman-Mill Road, 0.85 mile southwest of Central Avenue, southeast of El Monte.

Reference point—Base of pump, north side, at ground.

Elevation of reference point—319.4, from levels by D. W. R.

Use—Irrigation.

Depth of well—103 feet.

Diameter of casing—7 inches.

Other numbers used—D. W. R. Bulletins 5 and 6 No. 267-E-5; L. A. Co. F. C. D. No. 2986.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Mar. 10.....	66.3	April 25.....	70.0	May 2.....	78.8
Aug. 11.....	69.6	May 21.....	70.5	June 1.....	79.2
Oct. 19.....	70.9	July 3.....	71.8	Aug. 3.....	82.7
Dec. 4.....	70.5	July 27.....	73.1	Oct. 5.....	84.8
		Aug. 6.....	73.4	Nov. 2.....	84.2
				Dec. 29.....	81.8
		1930—			
		Feb. 3.....	74.6		
		Mar. 21.....	74.4		

Measurements from San Gabriel Valley Protective Association.

C-277-F-15, BACON RANCH (A. G. MADDOX, TRUSTEE). MAP 6

Location and description—1200 feet east of Las Lomas Avenue, 400 feet west of Thompson Well, $\frac{1}{4}$ -mile north of Fish Canyon Road, east of Monrovia.

Reference point—Curb, at ground.

Elevation of reference point—631.9, from levels by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—225 feet.

Diameter of casing—24 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 277-F-3; L. A. Co. F. C. D. No. 4255A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 30.....	28.7	Mar. 22.....	32.1	Feb. 10.....	41.3
Oct. 15.....	62.9	April 28.....	27.6	Mar. 17.....	33.5
Dec. 1.....	68.2	May 26.....	27.7	Mar. 31.....	34.0
		June 30.....	32.1	April 28.....	38.1
1929—		Aug. 25.....	41.5	June 2.....	31.7
Aug. 8.....	43.4	Sept. 29.....	45.9	Aug. 18.....	44.9
		Nov. 24.....	51.8	Nov. 2.....	56.7
		Dec. 8.....	50.1		
				1932—	
				Jan. 5.....	43.7

Measurements from San Gabriel Valley Protective Association.

C-278-F-15, A. S. CHURCH. MAP 6

Location and description—550 feet north of Fish Canyon Road, $\frac{1}{4}$ -mile west of Newhall Well, east of Monrovia.

Reference point—Top of beams, bottom edge of pump base, 0.3 feet above concrete floor and ground, to and including September 19, 1930; then, top of cement pit, 1 foot above ground.

Elevation of reference point—634.3 to and including September 19, 1930; then, 635.0; from levels by L. A. Co. F. C. D.

Use—Irrigation.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 278-F-3; L. A. Co. F. C. D. No. 4265.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 15.....	67.3	Mar. 22.....	19.7	Mar. 6.....	*23.8
Nov. 30.....	71.7	Apr. 21.....	14.3	May 26.....	*22.0
		Apr. 28.....	15.2	Aug. 18.....	*42.6
1929—		May 19.....	15.0	Oct. 6.....	*53.7
Aug. 8.....	40.4	June 23.....	22.6	Nov. 17.....	*62.2
		July 28.....	30.3	Dec. 15.....	*53.3
		Sept. 19.....	43.9		
		Nov. 24.....	*55.8		

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-280-F-15, DUARTE MUTUAL WATER COMPANY, LAS LOMAS. MAP 6

Log Available

Location and description—100 feet south of P. E. Ry., 100 feet west from Las Lomas Avenue, at Las Lomas Station, east of Monrovia.

Reference point—Top of iron plate under pump base, at floor.

Elevation of reference point—591.2, from levels by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—297 feet.

Diameter of casing—26 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 280-F-3; L. A. Co. F. C. D. No. 4255E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 30.....	38.8	Mar. 1.....	*160.0	Jan. 26.....	130.8
Nov. 30.....	158.3	Mar. 17.....	159.1	Mar. 10.....	84.8
		Mar. 29.....	117.5	April 14.....	46.9
1929—		April 1.....	102.2	June 2.....	61.9
Feb. 11.....	*162.0	May 5.....	38.4	Aug. 4.....	61.5
Mar. 20.....	*67.5	June 2.....	38.0	Nov. 16.....	139.6
May 2.....	*37.5	July 28.....	47.6	Dec. 28.....	143.8
July 1.....	*42.5	Oct. 13.....	106.6		
Sept. 11.....	*60.0	Dec. 22.....	123.7		
Dec. 8.....	*168.0				

* Measurement made by owner and obtained from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-281-F-15, CONSOLIDATED ROCK AND GRAVEL COMPANY—RIVAS PLANT. MAP 6

Log Available

Location and description—1200 feet east of Fish Canyon Road and P. E. Ry., crossing, 100 feet south of tracks, east of Monrovia.

Reference point—Top of base plate under pump on top of I beam, 1 foot below ground.

Elevation of reference point—995, from U. S. G. S. topog. by S. G. V. P. A.

Use—Crusher.

Depth of well—211 feet.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 281-F-3; L. A. Co. F. C. D. No. 4255C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 30.....	72.2	Mar. 17.....	206.9	Feb. 10.....	183.5
May 8.....	82.4	April 1.....	161.3	Mar. 10.....	149.5
Oct. 15.....	175.3	May 5.....	72.3	April 14.....	98.9
		May 26.....	67.9	May 2.....	103.5
1929—		June 23.....	76.6	June 30.....	92.7
Aug. 8.....	122.6	Aug. 11.....	105.0	Sept. 8.....	137.5
		Dec. 22.....	171.5	Nov. 2.....	167.9
				Dec. 23.....	187.0

Measurements from San Gabriel Valley Protective Association.

C-282-F-14, E. D. NORTHRUP. MAP 6

Location and description—500 feet north of A. T. & S. F. Ry., 500 feet east of Buena Vista Avenue, east of Monrovia.

Reference point—Hole in casing, about 0.5 feet above ground, to and including January 26, 1929; then, bottom edge of pump base, 0.6 feet above ground.

Elevation of reference point—465.0 to and including January 26, 1929; then, 465.1; from levels by D. W. R.

Use—Domestic.

Depth of well—222 feet.

Diameter of casing—10 inches.

Other numbers used—W. S. P. 219, No. 80, Pomona; D. W. R. Bulletins 5 and 6, No. 282-F-3; L. A. Co. F. C. D. No. 4226.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1930—		1931—	
July 31.....	140.3	Jan. 21.....	195.1	Jan. 19.....	198.5
1928—		Mar. 1.....	195.2	Mar. 3.....	198.1
Mar. 13.....	176.4	May 6.....	191.9	April 28.....	199.0
Aug. 9.....	181.7	June 10.....	189.6	June 2.....	198.2
Oct. 18.....	186.5	July 29.....	194.8	Aug. 4.....	200.4
Dec. 4.....	187.6	Dec. 22.....	198.3	Oct. 6.....	203.5
				Dec. 29.....	204.8
1929—					
Jan. 26.....	187.8				
April 25.....	186.1				
May 21.....	184.5				
Sept. 30.....	191.7				
Dec. 28.....	194.7				

Measurements from San Gabriel Valley Protective Association.

C-282b-F-15, DAVIS ADDITION WATER COMPANY. MAP 6

Location and description—320 feet north of A. T. & S. F. Ry., 165 feet south of Elder Street, 1650 feet east of Highland Avenue, Duarte.

Reference point—Top of casing, at ground.

Elevation of reference point—511, from U. S. G. S. topog. by S. G. V. P. A.

Use—Domestic.

Depth of well—315 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 4236A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—	
Nov. 11.....	*242.4	April 15.....	236.4	Jan. 6.....	245.8
Dec. 5.....	241.7	June 2.....	232.7	Feb. 3.....	245.9
		July 1.....	233.8	Mar. 24.....	243.2
1930—		Sept. 19.....	242.2	April 28.....	246.0
Jan. 4.....	242.6	Oct. 27.....	245.5	June 29.....	244.9
Feb. 13.....	242.7	Nov. 24.....	245.6	Sept. 15.....	251.0
Mar. 17.....	242.7			Dec. 29.....	252.2

* Reference point—top of casing, 3 feet above ground.

Measurements from San Gabriel Valley Protective Association.

C-283-G-15, FREY ECONOMIC PUMP COMPANY. MAP 6

Location and description—400 feet east from Maine Street, $\frac{1}{4}$ -mile north from Bonita Avenue, north of Baldwin Park. Casing in deep pit.

Reference point—Top of pit, 0.5 feet above ground, to and including January 26, 1929; then, top of air line, 0.3 feet higher.

Elevation of reference point—442.7 to and including January 26, 1929; then, 443.0; from levels by D. W. R.

Use—Domestic and irrigation.

Other numbers used—W. S. Jones No. 305; D. W. R. Bulletins 5 and 6, No. 283-F-4; L. A. Co. F. C. D. No. 4248.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1929—		1930—	
July 23.....	*126.1	Jan. 26.....	167.8	Jan. 31.....	175.3
1928—		July 3.....	166.7	Mar. 28.....	174.6
Mar. 15.....	156.3	Aug. 28.....	173.0	May 12.....	170.7
May 8.....	155.8	Oct. 19.....	173.9	June 23.....	168.9
Oct. 16.....	167.6	Dec. 27.....	175.6	Sept. 19.....	176.8
Nov. 13.....	168.3			Dec. 22.....	178.7
Dec. 1.....	168.2			1931—	
				Jan. 26.....	178.4
				Mar. 30.....	177.9
				April 28.....	179.0
				Aug. 31.....	183.3

* Pumping.

Measurements from San Gabriel Valley Protective Association.

C-284-G-15, BALDWIN PARK COUNTY WATER DISTRICT—MARADO WELL. MAP 6

Location and description—500 feet north of Bonita Avenue, 0.35 miles east of Irwindale Avenue, northeast of Baldwin Park.

Reference point—Concrete floor, 1 foot above ground, to and including December 1, 1928; then, top edge of steel I beams, 1.1 feet above ground.

Elevation of reference point—480.0 to and including December 1, 1928; then, 480.1; from levels by D. W. R.

Use—Domestic.

Depth of well—307 feet.

Diameter of casing—16 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 284-F-4; L. A. Co. F. C. D. No. 4279.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 12.....	188.7	Mar. 22.....	207.9	Jan. 12.....	211.5
Dec. 1.....	200.9	June 23.....	202.0	Mar. 2.....	210.5
		Aug. 25.....	208.5	June 1.....	211.1
1929—		Nov. 24.....	212.7	Nov. 9.....	221.1
Oct. 14.....	208.0			Dec. 21.....	218.6
Dec. 28.....	209.4				

Measurements from San Gabriel Valley Protective Association.

C-285-F-16, DUARTE MUTUAL IRRIGATING COMPANY. MAP 6

Location and description—West side of San Gabriel Canyon, 400 feet east of Fish Canyon Road, 1.65 miles up Fish Canyon on road from Las Lomas Avenue, 500 feet south of Fish Canyon mouth, North of Azusa.

Reference point—Hole in base of pump, at ground.

Elevation of reference point—685, from U. S. G. S. topog. by D. W. R.

Use—Irrigation and domestic.

Depth of well—192 feet.

Diameter of casing—26 inches.

Other numbers used—W. S. Jones, No. 368; D. W. R. Bulletins 5 and 6, No. 285-F-3; L. A. Co. F. C. D. No. 4274.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1929—		1930—	
July 31.....	*50.5	Mar. 17.....	*38.8	Jan. 1.....	146.0
1928—		April 15.....	*22.9	April 12.....	23.0
Oct. 15.....	*120.6	June 2.....	*28.2	Nov. 24.....	112.7
		Sept. 19.....	*92.4		
				1931—	
				Mar. 3.....	45.5
				May 12.....	41.2
				Nov. 10.....	114.0
				Dec. 15.....	86.5

* Measurement from San Gabriel Valley Protective Association.

Measurements from Los Angeles County Flood Control District except as noted.

C-291-G-14, CLARA M. HURLBURT. MAP 6

Location and description—100 feet south of Olive Street, 100 feet west of Center Street, Baldwin Park. Tight casing in deep pit.

Reference point—Edge of pit, at ground, to and including October 7, 1929; then top of ½-inch coupling on air line, 1.5 feet above ground, to and including January 26, 1931; then, top of clamp 0.8 feet above ground.

Elevation of reference point—370.7 to and including October 7, 1929, then, 372.2 to and including January 26, 1931; then, 371.5; from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—153 feet.

Other numbers used—W. S. Jones, No. 312; D. W. R. Bulletins 5 and 6, No. 291-E-4; L. A. Co. F. C. D. No. 3020.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1930—		1931—	
April 22.....	68.3	Feb. 13.....	105.0	Jan. 26.....	108.6
		May 5.....	102.0	April 28.....	109.1
1929—		Dec. 22.....	108.9	July 6.....	109.9
Oct. 14.....	103.6			Nov. 30.....	115.3
Dec. 23.....	105.2			Dec. 28.....	114.7

Measurements from San Gabriel Valley Protective Association.

C-294-G-15, HULDA C. BANTA. MAP 6

Location and description—20 feet south of Los Angeles Street, 600 feet west of Main Street, Baldwin Park.

Reference point—Top of concrete curb, 0.9 feet above ground, to and including September 5, 1931; then, top of platform over well, 1.4 feet above ground.

Elevation of reference point—383.3 to and including September 5, 1931; then, 383.8; from levels by D. W. R.

Use—Not used.

Depth of well—140 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 219, No. 87, Pomona; W. S. P. 468, No. 42, D. W. R. Bulletins 5 and 6, No. 294-F-4; L. A. Co. F. C. D. No. 3030.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—Cont.		1931—	
Jan. 10.....	98.3	Aug. 1.....	110.4	Jan. 3.....	*119.2
Feb. 11.....	98.3	Sept. 23.....	113.6	Feb. 7.....	118.6
Mar. 9.....	97.8	Oct. 8.....	114.0	Mar. 7.....	117.9
May 7.....	97.8	Nov. 21.....	115.0	April 4.....	118.6
Aug. 7.....	104.6	Dec. 30.....	115.6	April 25.....	119.8
Sept. 1.....	107.0			May 30.....	118.7
Oct. 5.....	108.4	1930—		July 4.....	120.6
Nov. 13.....	108.8	Jan. 9.....	*115.4	Aug. 1.....	122.6
Dec. 4.....	108.3	Feb. 7.....	*115.1	Sept. 5.....	125.0
		Mar. 7.....	*114.8	Oct. 3.....	125.7
1929—		April 4.....	*113.8	Nov. 14.....	126.5
Jan. 5.....	*108.1	May 2.....	*112.6	Dec. 5.....	125.8
Feb. 8.....	*107.9	June 6.....	*110.8		
Mar. 8.....	*108.1	July 14.....	*112.3	1932—	
April 25.....	106.7	Sept. 5.....	*117.2	Jan. 5.....	124.7
May 4.....	106.1	Oct. 11.....	118.7	Feb. 9.....	123.0
June 4.....	106.6	Nov. 15.....	119.7	Feb. 23.....	119.7
July 3.....	108.1	Dec. 6.....	119.4		

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-295-G-15, COVINA IRRIGATING COMPANY. MAP 6

Location and description—300 feet east of Dalton Creek, 100-feet south of Covina Boulevard, east of Baldwin Park. North well of two. Casing in shallow pit.

Reference point—Floor of pump house, at ground, to and including June 16, 1930; then, top of T on air line, 8.6 feet below ground.

Elevation of reference point—401.3 to and including June 16, 1930; then 392.7; from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—350-400 feet.

Diameter of casing—24 inches.

Other numbers used—W. S. Jones No. 326a; D. W. R. Bulletins 5 and 6, No. 295-F-4; L. A. Co. F. C. D. No. 3051.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1930—		1931—	
July 23.....	82.6	Jan. 24.....	130.2	Jan. 26.....	126.3
1928—		Mar. 14.....	129.5	Mar. 2.....	125.7
Mar. 13.....	114.3	June 16.....	126.0	April 28.....	127.9
Dec. 3.....	124.6	Nov. 24.....	127.7	Oct. 19.....	135.4
1929—		Dec. 22.....	126.1	Nov. 16.....	135.2
Feb. 13.....	*123.3			Dec. 28.....	133.0
April 27.....	123.0				
May 23.....	122.8				
June 12.....	124.2				
July 3.....	123.4				
Dec. 26.....	130.8				

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-296-G-15, AZUSA IRRIGATING COMPANY—SAN BERNARDINO STREET NO. 1. MAP 6

Location and description—50 feet south of Covina Boulevard, 0.15 miles east of Irwindale Avenue, east of Baldwin Park.

Reference point—Floor, at ground.

Elevation of reference point—422.7, from levels by D. W. R.

Use—Irrigation and domestic.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 296-F-4; L. A. Co. F. C. D. No. 3061.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 16.....	144.8	Jan. 18.....	151.0	Feb. 2.....	153.3
Dec. 3.....	143.1	Mar. 11.....	150.0	Mar. 2.....	152.7
		June 9.....	146.5	June 1.....	155.0
		Nov. 24.....	154.9	Dec. 7.....	*166.5
		Dec. 22.....	154.8		

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-300-H-15, G. F. CHAMBERLAIN. MAP 6

Location and description—50 feet west of Vincent Avenue, 1000 feet north of Arroyo Drive, 80 feet south of Workman Avenue, east of Baldwin Park.

Reference point—Top of concrete pump foundation, 0.5 feet above ground, to and including October 19, 1929; then, top of platform over well, 0.3 feet above concrete.

Elevation of reference point—406.9 to and including October 19, 1929; then, 407.2; from levels by D. W. R.

Use—Not used.

Depth of well—118 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 219, No. 96, Pomona; W. S. P. 468 No. 43; D. W. R. Bulletins 5 and 6, No. 300-F-5; L. A. Co. F. C. D. No. 3072.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
May 8.....	116.6	Jan. 4.....	133.5	Jan. 17.....	136.7
Aug. 10.....	122.5	Feb. 15.....	133.1	Mar. 14.....	136.0
Oct. 19.....	125.7	April 12.....	132.7	May 30.....	137.0
Nov. 13.....	125.9	June 28.....	132.0	Aug. 1.....	140.5
Dec. 3.....	125.7	Aug. 9.....	133.8	Nov. 7.....	144.0
		Oct. 4.....	136.1	Dec. 29.....	143.2
1929—		Nov. 15.....	137.3		
Jan. 26.....	125.5	Dec. 27.....	137.1		
April 25.....	125.6				
July 22.....	128.0				
Sept. 6.....	130.9				
Dec. 28.....	133.4				

Measurements from San Gabriel Valley Protective Association.

C-304-H-15, F. S. ROUTT. MAP 6

Location and description—75 feet west of Willow Avenue, 500 feet south of Merced Avenue, 0.2 miles north of Walnut Creek, south of Baldwin Park.

Reference point—Bottom of pump head base, 0.13 feet above concrete block 1.2 feet above ground.

Elevation of reference point—350.3, from levels by D. W. R.

Use—Domestic.

Depth of well—110 feet.

Diameter of casing—7 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 304-F-5; L. A. Co. F. C. D. No. 3043.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Dec. 4.....	75.6	Jan. 27.....	83.4	Jan. 6.....	83.9
		May 13.....	81.2	Mar. 16.....	85.5
1929—		July 11.....	82.8	June 16.....	86.6
April 26.....	75.2	Oct. 16.....	85.4	Sept. 9.....	87.6
June 26.....	79.0	Dec. 18.....	85.7	Dec. 23.....	86.4
Sept. 6.....	84.0				
Oct. 7.....	81.7				
Dec. 19.....	83.1				

Measurements from San Gabriel Valley Protective Association.

C-305-H-15, J. M. JACKLEY. MAP 6

Location and description—150 feet east of Sunset Avenue, 1000 feet south of Walnut Creek, 0.42 miles north of Merced Avenue, south of Baldwin Park.

Reference point—Top of 4" x 6" wooden clamps on top of tin over casing, at ground.

Elevation of reference point—376.6, from levels by D. W. R.

Use—Domestic.

Depth of well—145 feet.

Diameter of casing—12 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 305-F-5; L. A. Co. F. C. D. No. 3053A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 10.....	89.6	Jan. 27.....	105.9	Jan. 26.....	108.6
Aug. 10.....	96.5	Feb. 15.....	105.4	Feb. 21.....	108.3
Oct. 19.....	98.2	May 16.....	104.4	April 3.....	108.2
Dec. 3.....	99.2	Sept. 8.....	109.8	June 2.....	111.2
		Oct. 21.....	108.5	Aug. 14.....	112.6
1929—		Dec. 26.....	108.7	Oct. 22.....	116.5
April 22.....	98.3			Dec. 26.....	115.9
June 4.....	99.8				
Aug. 13.....	104.0				
Sept. 12.....	104.8				
Oct. 22.....	104.6				
Dec. 19.....	105.6				

Measurements from San Gabriel Valley Protective Association.

C-307-H-15, J. W. LARMER. MAP 6

Location and description—200 feet east of center line of Sunset Avenue, 800 feet south of Merced Avenue, south of Baldwin Park.

Reference point—Tin over casing 0.5 feet above ground.

Elevation of reference point—357.2, from levels by D. W. R.

Use—Domestic.

Depth of well—125 feet.

Diameter of casing—6 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 307-F-5; L. A. Co. F. C. D. No. 3054.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 10.....	73.3	Jan. 27.....	88.4	Jan. 12.....	90.8
Aug. 10.....	80.2	May 13.....	87.4	Mar. 16.....	90.8
Oct. 19.....	81.0	Aug. 6.....	87.7	June 2.....	92.0
Dec. 3.....	81.0	Sept. 12.....	92.2	Aug. 13.....	94.2
		Dec. 26.....	90.8	Oct. 22.....	98.9
1929—				Dec. 28.....	98.5
Jan. 26.....	81.1				
April 25.....	81.6				
May 23.....	82.5				
Aug. 9.....	86.5				
Oct. 28.....	87.1				
Dec. 19.....	88.0				

Measurements from San Gabriel Valley Protective Association.

C-309-11-15, E. G. METCALF. MAP 6

Log Available

Location and description—273 feet south of Elliot Avenue, 180 feet east of Sunset Avenue, north of Puente.

Reference point—Top of 8" x 8" timber on top of concrete pit, north side, 1 foot above ground.

Elevation of reference point—320.0, from levels by D. W. R.

Use—Irrigation.

Depth of well—153 feet.

Diameter of casing—10 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 309-F-5; L. A. Co. F. C. D. No. 3035P.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 9.....	39.3	Feb. 3.....	53.4	Jan. 7.....	58.8
Aug. 10.....	48.7	April 18.....	52.7	Feb. 9.....	56.6
Oct. 19.....	48.8	July 7.....	57.4	April 13.....	57.7
Dec. 4.....	47.0	Oct. 16.....	58.2	June 2.....	57.7
1929—				Aug. 13.....	63.4
Jan. 26.....	43.1			Dec. 28.....	57.5
April 26.....	46.8				
July 3.....	53.1				
Oct. 28.....	53.8				
Dec. 16.....	55.2				

Measurements from San Gabriel Valley Protective Association.

C-312-H-15, WALTER FICKEWORTH. MAP 6

Log Available

Location and description—0.35 miles east of Glendora Avenue, 100 feet south of Fairgrove Avenue, north of Puente.

Reference point—Top of casing, 0.6 feet above ground.

Elevation of reference point—342.3, from levels by D. W. R.

Use—Domestic.

Depth of well—852 feet.

Diameter of casing—8 inches.

Other numbers used—W. S. P. 219, No. 98, Pomona; W. S. P. 468, No. 44a; D. W. R. Bulletins 5 and 6, No. 312-F-5; L. A. Co. F. C. D. No. 3055.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 10.....	55.6	Jan. 27.....	76.1	Jan. 7.....	76.6
May 8.....	59.2	Mar. 27.....	70.0	Mar. 16.....	74.3
Oct. 19.....	65.2	May 6.....	69.5	May 21.....	76.6
Dec. 4.....	63.7	July 7.....	72.7	July 26.....	82.4
1929—		Sept. 20.....	76.5	Sept. 14.....	82.8
Jan. 26.....	63.3	Dec. 20.....	75.8	Dec. 28.....	80.3
April 26.....	64.3				
June 12.....	69.5				
July 22.....	76.0				
Oct. 22.....	71.6				
Dec. 16.....	72.1				

Measurements from San Gabriel Valley Protective Association.

C-313-II-15, B. LAYAYE. MAP 6

Log Available

Location and description—110 feet south of Amar Road, 1.2 miles east of Glendora Avenue, southwest of Covina.

Reference point—Top of 1-inch boards around clamp on top of casing, 1.5 feet above ground.

Elevation of reference point—371.2, from levels by D. W. R.

Use—Domestic.

Depth of well—120 feet.

Diameter of casing—7 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 313-F-5; L. A. Co. F. C. D. No. 3076.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 10.....	60.6	Jan. 17.....	65.9	May 22.....	*70.2
Aug. 10.....	63.6	April 10.....	63.1	Dec. 3.....	*70.0
Oct. 19.....	63.5	June 16.....	66.5		
Dec. 4.....	63.1	Aug. 28.....	66.7		
		Oct. 24.....	66.8		
1929—					
Jan. 26.....	63.3				
April 26.....	63.5				
June 20.....	64.3				
Aug. 6.....	65.6				
Oct. 28.....	65.4				
Dec. 19.....	65.8				

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-314-I-15, J. BOURDET. MAP 6

Location and description—600 feet north of Nelson Avenue, 50 feet west of Hudson Avenue, north of Puente.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—331.0, from levels by D. W. R.

Use—Domestic.

Depth of well—83 feet.

Diameter of casing—7 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 314-F-6; L. A. Co. F. C. D. No. 3047E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 9.....	44.2	Feb. 4.....	56.4	Jan. 7.....	60.9
Oct. 17.....	51.1	April 15.....	55.6	Mar. 6.....	60.6
Dec. 4.....	50.2	June 6.....	56.5	May 15.....	61.5
		Aug. 19.....	60.6	July 16.....	63.5
1929—		Oct. 9.....	59.8	Oct. 14.....	68.2
April 22.....	49.9	Dec. 27.....	61.8	Dec. 28.....	67.0
June 26.....	52.7				
Aug. 13.....	55.5				
Nov. 8.....	57.0				
Dec. 16.....	56.1				

Measurements from San Gabriel Valley Protective Association.

C-317-I-15, H. HEINZE. MAP 5

Location and description—50 feet east of Glendora Avenue, 100 feet north of Main Street, Puente.

Reference point—Top of west side of casing, 0.6 feet above ground.

Elevation of reference point—331.0, from levels by D. W. R.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 219, No. 117, Pomona; W. S. P. 468, No. 44; D. W. R. Bulletins 5 and 6, No. 317-F-6; L. A. Co. F. C. D. No. 3047.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Jan. 30.....	28.6	Jan. 27.....	40.6	Feb. 16.....	41.0
Mar. 9.....	26.3	Apr. 28.....	37.4	Mar. 30.....	40.5
May 8.....	28.2	Aug. 7.....	39.9	April 28.....	42.7
Aug. 10.....	26.6	Oct. 27.....	42.8	May 25.....	41.4
Oct. 23.....	36.5	Dec. 8.....	42.7	June 29.....	44.7
Dec. 10.....	34.9			Aug. 17.....	48.0
				Oct. 26.....	46.5
1929—				Dec. 29.....	44.6
Jan. 26.....	34.4				
Mar. 16.....	33.7				
April 26.....	33.8				
July 25.....	40.4				
Sept. 12.....	42.0				
Dec. 19.....	40.5				

Measurements from San Gabriel Valley Protective Association.

C-320-F-16, AZUSA FOOTHILL CITRUS COMPANY—CANYON WELL. MAP 6

Location and description—200 feet north of San Gabriel River, 500 feet north of San Gabriel Canyon Road, 1.2 miles from Sierra Madre Avenue, 700 feet north of river crossing, north of Azusa.

Reference point—Top of pit curb, 1 foot above ground.

Elevation of reference point—754.7, from levels by D. W. R.

Use—Not used.

Depth of well—90 feet.

Other numbers used—W. S. Jones No. 223; D. W. R. Bulletins 5 and 6, No. 320-G-3; L. A. Co. F. C. D. No. 4293.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Dec. 17.....	52.2	April 17.....	9.5	April 13.....	42.3
		June 19.....	16.7	Mar. 12.....	14.3
		Nov. 15.....	48.8	May 12.....	14.4
		Dec. 3.....	49.7	Nov. 18.....	52.2

Measurements from Los Angeles County Flood Control District.

C-322-F-16, AZUSA AGRICULTURAL WATER COMPANY, NO. 2. MAP 6

Log Available

Location and description—3100 feet west of San Gabriel Canyon Road from point 1600 feet north of intersection with Sierra Madre Avenue, 75 feet north of reservoir, 1600 feet northwest of Well C-325-F-16, north of Azusa.

Reference point—Top of cement pit, 0.8 feet above ground.

Elevation of reference point—690.8, from levels by Griffith.

Use—Irrigation.

Depth of well—252 feet.

Diameter of casing—26 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 322-G-3; L. A. Co. F. C. D. No. 4284A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 7.....	^a b139.1	April 15.....	13.4	May 12.....	36.5
Nov. 30.....	^b 132.8	May 15.....	19.1	Aug. 14.....	108.0
		June 19.....	43.7	Nov. 17.....	125.8
		Nov. 14.....	^c 120.0	Dec. 15.....	106.8
		Dec. 3.....	110.3		
				1932—	
				Jan. 6.....	44.5

^a Pumping. Drawdown about 20 feet.

^b Measurement from San Gabriel Valley Protective Association.

^c Measurement by operator.

Measurements from Los Angeles County Flood Control District except as noted.

C-323-F-16, AZUSA AGRICULTURAL WATER COMPANY. MAP 6

Location and description—1600 feet west of San Gabriel Canyon Road from point 1000 feet north of its intersection with Sierra Madre Avenue, 700 feet northeast from Well C-325-F-16, north of Azusa.

Reference point—Hole in cover, 2 feet above ground.

Elevation of reference point—685, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—142 feet.

Diameter of casing—26 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 323-G-3; L. A. Co. F. C. D. No. 4285A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 30.....	12.5	Jan. 24.....	77.5	Jan. 5.....	107.3
Aug. 7.....	117.8	Mar. 11.....	27.5	Mar. 2.....	37.1
		April 15.....	6.2	April 28.....	79.2
1929—		April 28.....	29.3	May 11.....	22.9
Aug. 8.....	105.6	May 26.....	8.1	July 6.....	78.7
		July 28.....	77.5	Sept. 7.....	115.9
		Sept. 19.....	111.1	Nov. 16.....	134.4
		Nov. 10.....	128.2	Dec. 28.....	61.8
		Dec. 22.....	108.9		

Measurements from San Gabriel Valley Protective Association.

C-325-F-16, GLENDORA CONSOLIDATED MUTUAL IRRIGATING COMPANY. MAP 6

Log Available

Location and description—2700 feet north, 78° west of intersection of Sierra Madre Avenue and San Gabriel Canyon Road, north of Azusa. South well of two.

Reference point—Floor of pump house at ground.

Elevation of reference point—675, from U. S. G. S. topog. by D. W. R.

Use—Irrigation and domestic.

Depth of well—255 feet.

Other numbers used—W. S. Jones, No. 370; D. W. R. Bulletins 5 and 6, No. 325-G-3; L. A. Co. F. C. D. No. 4285.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1929—		1931—	
July 27.....	*46.5	Feb. 1.....	61.4	May 12.....	21.2
		April 9.....	2.7	Nov. 17.....	119.3
1928—		July 3.....	76.1		
Mar. 27.....	*8.2	1930—		1932—	
Dec. 31.....	*84.4	May 15.....	6.0	Jan. 6.....	29.7
		June 18.....	40.0		
		Nov. 15.....	130.2		
		Dec. 3.....	103.5		

* Measurement from San Gabriel Valley Protective Association.

Measurements from Los Angeles County Flood Control District except as noted.

C-328-F-16, CITY OF AZUSA, NO. 1. MAP 6

Location and description—800 feet south of Sierra Madre Avenue, 600 feet west of Azusa Avenue, Azusa. Casing in open, 40 feet north of pump house.

Reference point—Top of casing, 1.5 feet above ground, to and including January 5, 1931; then, top of platform over casing, 0.2 feet higher.

Elevation of reference point—672.0 to and including January 5, 1931; then, 672.2; from levels by Griffith.

Use—Not used.

Diameter of casing—26 inches.

Other numbers used—D. W. R. Bulletin 5, No. 328-G-3; L. A. Co. F. C. D. No. 4295.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1930—		1931—	
July 22.....	47.5	Jan. 24.....	130.3	Jan. 5.....	100.7
		Mar. 1.....	46.0	Mar. 7.....	38.4
1928—		April 15.....	16.2	April 13.....	65.2
Aug. 7.....	90.6	June 9.....	30.4	June 1.....	44.5
Oct. 15.....	128.6	Aug. 11.....	65.2	Aug. 3.....	80.5
Nov. 30.....	124.5	Oct. 27.....	96.5	Sept. 26.....	102.2
		Nov. 24.....	104.8	Nov. 14.....	117.3
1929—		Dec. 22.....	103.3	Dec. 29.....	96.3
Aug. 8.....	82.7				

Measurements from San Gabriel Valley Protective Association.

C-333-F-16, AZUSA IRRIGATING COMPANY, NO. 5. MAP 6

Log Available

Location and description—50 feet south of Eleventh Street, 75 feet east of McKeever Avenue, Azusa.
Reference point—Top of curb, 3 feet above ground, to and including October 16, 1928; then, top edge of pit, at ground.

Elevation of reference point—643, to and including October 16, 1928; then, 640; from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—288 feet.

Diameter of casing—26 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 333-G-3; L. A. Co. F. C. D. No. 4285B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 16.....	144.9	Feb. 21.....	134.6	Jan. 12.....	127.5
		April 5.....	72.3	Mar. 16.....	113.1
1929—		June 9.....	38.7	June 8.....	97.6
May 27.....	47.0	Sept. 29.....	126.1	Oct. 19.....	167.3
Oct. 29.....	133.2	Nov. 24.....	129.3	Dec. 28.....	150.3
		Dec. 22.....	127.0		

^a Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-334-F-16, AZUSA IRRIGATING COMPANY, NO. 3. MAP 6

Location and description—40 feet north of Tenth Street and 90 feet east of Dalton Avenue, Azusa.
Reference point—Floor of pump, at ground, to and including December 1, 1928; then, top of 2-inch pipe at bottom of pit about 2.7 feet below ground.

Elevation of reference point—632.7 to and including December 1, 1928; then, 630.0; from levels by Griffith.

Use—Irrigation and domestic.

Depth of well—200 feet.

Diameter of casing—26 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 334-G-3; L. A. Co. F. C. D. No. 4296.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 7.....	89.0	Feb. 21.....	109.9	Jan. 5.....	103.2
Oct. 16.....	116.2	Mar. 22.....	93.6	Feb. 2.....	103.4
Dec. 1.....	117.1	April 8.....	71.4	Mar. 30.....	81.8
		May 12.....	38.2	May 2.....	91.0
1929—		June 16.....	28.5	June 22.....	71.3
Oct. 29.....	99.4	July 28.....	52.5	Oct. 5.....	123.9
		Sept. 8.....	79.8	Nov. 24.....	129.3
		Oct. 13.....	92.3	Dec. 28.....	127.4
		Dec. 22.....	103.0		

Measurements from San Gabriel Valley Protective Association.

C-335-G-16, MURRAY VOSBERG. MAP 6

Location and description—150 feet south of First Street, 0.7 miles west of Azusa Avenue, Azusa.

Reference point—Floor of pump house, at ground.

Elevation of reference point—538.2, from levels by D. W. R.

Use—Not used.

Diameter of casing—24 inches.

Other numbers used—W. S. Jones. No. 301; D. W. R. Bulletins 5 and 6, No. 335-G-4; L. A. Co. F. C. D. No. 4287.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1930—		1931—	
July 22.....	204.0	Jan. 3.....	264.1	Jan. 5.....	265.9
1928—		Mar. 1.....	262.6	Mar. 2.....	263.8
Mar. 13.....	241.9	May 19.....	257.6	May 11.....	266.1
May 8.....	238.4	July 14.....	255.9	Oct. 19.....	260.6
Nov. 30.....	254.8	Oct. 13.....	266.6	Dec. 21.....	264.7
1929—		Nov. 24.....	267.1	1932—	
Jan. 26.....	254.5	Dec. 22.....	266.1	Jan. 4.....	265.3
May 6.....	250.7				
June 13.....	249.8				
Oct. 1.....	261.3				
Nov. 15.....	263.7				
Dec. 28.....	263.9				

Measurements from San Gabriel Valley Protective Association.

C-337-G-16, H. J. McKENZIE. MAP 6

Location and description—50 feet west of Grand Avenue, 150 feet south of Juanita Avenue extended west, 1000 feet north from San Dimas Wash, just south of cemetery, south of Glendora.

Reference point—Cement curb, at ground.

Elevation of reference point—657, from U. S. G. S. topog. by D. W. R.

Use—Domestic and irrigation.

Depth of well—455 feet.

Other numbers used—W. S. Jones No. 208a; D. W. R. Bulletins 5 and 6, No. 337-G-4; L. A. Co. F. C. D. No. 4329.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1930—		1931—	
Sept. 20.....	255.4	Jan. 3.....	283.0	Jan. 5.....	288.1
1928—		Mar. 22.....	284.6	Mar. 9.....	289.1
Mar. 13.....	274.0	June 30.....	286.0	May 25.....	289.2
Oct. 20.....	278.6	Sept. 8.....	286.7	Aug. 3.....	289.6
Dec. 1.....	274.7	Nov. 24.....	287.7	Dec. 21.....	291.4
1929—		Dec. 22.....	288.2	1932—	
Jan. 26.....	275.7			Jan. 11.....	291.9
April 26.....	277.4				
July 3.....	279.2				
Nov. 4.....	282.7				
Dec. 28.....	282.8				

Measurements from San Gabriel Valley Protective Association.

C-338-G-16, CITY OF COVINA. MAP 6

Location and description—450 feet south of Covina Boulevard, 400 feet west of Fourth Street, in Covina City Park, Covina.

Reference point—Floor of pump house, at ground.

Elevation of reference point—533, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—548 feet.

Diameter of casing—16 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 338-G-4; L. A. Co. F. C. D. No. 3101.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Dec. 3	230.1	Jan. 23	*244.4	Feb. 9	241.9
		Dec. 4	*246.7	Mar. 16	241.8
1929—				June 15	244.6
July 3	234.3			Oct. 12	249.4
				Dec. 28	248.0

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-343-H-16, A. R. EVANS. MAP 6

Log Available

Location and description—50 feet west of Hollenbeck Avenue, 500 feet north of Arroyo Avenue, south of Covina. South well of two.

Reference point—Hole in cover, 1 foot above ground, to and including October 31, 1929; then, top of platform over well, 1.3 feet above ground.

Elevation of reference point—487.6 to and including October 31, 1929; then, 487.9; from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—505 feet.

Diameter of casing—16 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 343-G-5; L. A. Co. F. C. D. No. 3102.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 12	169.1	Jan. 4	188.9	Jan. 17	189.2
Aug. 13	180.2	Feb. 22	184.6	Feb. 21	188.9
Oct. 19	179.3	May 3	184.5	April 18	195.1
Dec. 3	177.1	June 14	189.4	May 9	190.7
		Sept. 13	193.3	July 4	195.5
1929—		Dec. 27	189.7	Sept. 19	199.5
Jan. 26	176.4			Oct. 17	201.4
May 6	177.3			Dec. 29	196.1
July 25	186.3				
Oct. 31	186.6				
Dec. 28	186.9				

Measurements from San Gabriel Valley Protective Association.

C-354-H-16, DAVID UNRUH. MAP 6

Log Available

Location and description—250 feet south of Arroyo Drive, 500 feet west of Barranca Avenue 100 feet south of Walnut Creek, south of Covina. Casing in south end of pump house.

Reference point—Hole in cover, 1 foot below average ground.

Elevation of reference point—483.4, from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—401 feet.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 354-G-5; L. A. Co. F. C. D. No. 3112A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 12.....	155.4	Sept. 29.....	176.1	Jan. 5.....	173.6
May 8.....	158.5	Oct. 27.....	175.1	Feb. 16.....	173.0
Aug. 13.....	163.9	Nov. 24.....	175.2	Mar. 30.....	174.6
Dec. 3.....	162.3	Dec. 22.....	174.2	May 18.....	171.6
1929—				July 20.....	180.7
Jan. 26.....	161.4			Oct. 12.....	183.0
April 26.....	161.4			Dec. 28.....	179.4
June 26.....	167.6				
Aug. 6.....	170.9				

Measurements from San Gabriel Valley Protective Association.

C-360-G-16, AZUSA IRRIGATING COMPANY, NO. 2. MAP 6

Location and description—75 feet south of center line of Cypress Avenue, 0.25 miles west of Lark Ellen Avenue, east of Baldwin Park. Deep pit in center of pump house.

Reference point—Top of pit, at ground.

Elevation of reference point—461.9, from levels by D. W. R.

Use—Domestic and irrigation.

Other numbers used—W. S. Jones No. 325; D. W. R. Bulletins 5 and 6, No. 360-G-4; L. A. Co. F. C. D. No. 3080.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 12.....	167.7	Jan. 3.....	187.4	Jan. 5.....	189.3
Aug. 7.....	177.1	Mar. 11.....	185.9	Mar. 30.....	188.5
Oct. 16.....	179.4	June 30.....	182.5	April 20.....	190.5
Dec. 3.....	178.7	Sept. 8.....	185.2	Oct. 5.....	197.7
1929—		Nov. 10.....	190.9	Dec. 28.....	196.1
Jan. 26.....	178.3	Dec. 22.....	189.6		
April 25.....	177.8				
June 25.....	178.2				
Aug. 12.....	182.1				
Oct. 14.....	186.3				
Dec. 28.....	187.3				

Measurements from San Gabriel Valley Protective Association.

C-362-G-15, SOUTHERN CALIFORNIA EDISON COMPANY, LTD.—DALTON SUB-STATION
MAP 6

Location and description—320 feet east of Irwindale Avenue, 50 feet south of Gladstone Avenue, southwest of Azusa.

Reference point—Top of pump base over casing, 1.1 feet above floor, 2 feet above ground, to and including August 3, 1929; then, top of casing, 0.5 feet above floor.

Elevation of reference point—500.2 to and including August 3, 1929; then, 499.7; from levels by D. W. R.

Use—Domestic and plant use.

Depth of well—250 feet.

Diameter of casing—8 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, Well No. 362-F-4; L. A. Co. F. C. D. No. 4268.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 13.....	209.4	Feb. 24.....	228.8	Jan. 5.....	232.1
Oct. 16.....	222.3	April 1.....	228.3	Mar. 23.....	231.0
Dec. 1.....	*222.2	June 16.....	221.0	June 1.....	231.4
1929—		Sept. 29.....	231.1	Sept. 7.....	238.5
April 25.....	219.3	Nov. 10.....	233.0	Dec. 14.....	239.5
May 21.....	216.6	Dec. 22.....	232.3	Dec. 28.....	238.9
Aug. 3.....	223.2				
Oct. 31.....	228.4				
Dec. 28.....	229.5				

* Corrected for difference in reference point.

Measurements from San Gabriel Valley Protective Association.

C-363-H-14, CHAS. D. MOREHOUSE (FORMERLY A. ELLIOTT). MAP 6

Location and description—100 feet southwest of Elliott Avenue, 200 feet northwest of Durfee Road, El Monte.

Reference point—Hole in board under clamp, 1.3 feet above ground.

Elevation of reference point—276.3, from levels by D. W. R.

Use—Domestic.

Depth of well—35 feet.

Diameter of casing—6 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 363-E-5; L. A. Co. F. C. D. No. 2974.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Feb. 1.....	18.5	Jan. 17.....	28.7	Jan. 5.....	31.4
Mar. 15.....	18.0	April 4.....	27.7	Mar. 30.....	30.0
May 8.....	19.6	May 14.....	27.4	June 1.....	30.9
Nov. 13.....	25.2	Sept. 8.....	31.8	Aug. 13.....	34.5
Nov. 27.....	24.8	Nov. 10.....	32.2		
1929—		Dec. 27.....	31.5		
Jan. 26.....	23.9				
April 25.....	23.0				
June 20.....	25.6				
Sept. 26.....	29.2				
Dec. 20.....	29.6				

Measurements from San Gabriel Valley Protective Association.

C-364-I-15, KWIS WATER COMPANY. MAP 5

Location and description—100 feet south of Gale Avenue, $\frac{1}{4}$ -mile west from Hacienda Boulevard, on west bank of small drain, south of Puente.

Reference point—Floor, at ground, to and including January 27, 1930; then, top of concrete curb, 0.3 feet above ground.

Elevation of reference point—330.2 to and including January 27, 1930; then, 330.3; from levels by D. W. R.

Use—Irrigation.

Depth of well—300 feet.

Diameter of casing—14 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 364-F-6; L. A. Co. F. C. D. No. 3038.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 22.....	23.0	Jan. 27.....	32.2	Feb. 16.....	31.9
Aug. 11.....	34.0	Mar. 21.....	28.5	Mar. 30.....	32.4
Oct. 23.....	30.5	May 6.....	27.9	April 20.....	36.6
Dec. 4.....	27.7	Aug. 9.....	31.7	May 11.....	32.7
		Sept. 29.....	36.1	June 29.....	43.4
1929—		Oct. 16.....	33.8	Aug. 17.....	51.5
April 22.....	26.6	Nov. 10.....	36.5	Oct. 5.....	40.3
May 20.....	29.8	Dec. 8.....	33.2	Nov. 9.....	39.2
June 28.....	38.2			Dec. 17.....	35.6
Sept. 10.....	40.0				
Oct. 28.....	33.9			1932—	
Dec. 19.....	31.6			Jan. 11.....	35.0

Measurements from San Gabriel Valley Protective Association.

C-366-F-15, CONSOLIDATED ROCK COMPANY—BUILDER'S ROCK PLANT. MAP 6

Location and description—0.6 miles west of Irwindale Avenue and A. T. & S. F. Ry., crossing, 200 feet south of tracks, west of Azusa.

Reference point—Top of casing, 2 feet above ground, to and including July 3, 1929; then, top of $\frac{1}{4}$ -inch pipe, 0.7 feet above top of casing and ground, to and including January 9, 1930; then, top of casing, at ground.

Elevation of reference point—549.7 to and including July 3, 1929; then, 548.4 to and including January 9, 1930; then, 547.7; from levels by D. W. R.

Use—Industrial

Depth of well—350 feet.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 366-F-3; L. A. Co. F. C. D. No. 4257.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 15.....	271.1	Jan. 9.....	278.1	Jan. 5.....	281.7
Dec. 1.....	271.5	Feb. 10.....	278.5	Mar. 2.....	280.9
		Apr. 1.....	277.4	June 1.....	279.2
1929—		June 9.....	262.7	Nov. 24.....	289.1
July 3.....	265.2	Sept. 29.....	278.6	Dec. 21.....	288.6
Dec. 28.....	277.8	Dec. 22.....	281.6		
				1932—	
				Jan. 4.....	288.3

Measurements from San Gabriel Valley Protective Association.

C-367-F-15, RELIANCE ROCK COMPANY. MAP 6

Log Available

Location and description—0.32 miles west of Irwindale Avenue, 100 feet south of A. T. & S. F. Ry., west of Azusa. Casing in west end of pump house.

Reference point—Bottom of pump base, at ground.

Elevation of reference point—549.0, from levels by D. W. R.

Use—Industrial.

Depth of well—360 feet.

Diameter of casing—26 inches.

Other numbers used—L. A. Co. F. C. D. No. 4267.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 7.	265.6	Jan. 3.	279.8	Jan. 6.	282.9
Oct. 15.	272.6	Mar. 8.	279.5	Mar. 16.	281.7
		May 5.	270.0	April 28.	282.3
1929—		Sept. 29.	280.1	June 15.	280.5
July 3.	266.2	Dec. 22.	282.8	Sept. 8.	287.4
Dec. 28.	279.7			Nov. 24.	290.6
				Dec. 28.	289.7

Measurements from San Gabriel Valley Protective Association.

C-376-G-11, CITY OF ALHAMBRA—MARENGO WELL. MAP 2

Log Available

Location and description—50 feet east of Marengo Avenue, 200 feet south of Alhambra Road, Alhambra. Casing in north end of pump house.

Reference point—Floor of pump house, at ground.

Elevation of reference point—532.0, from levels by City of Alhambra.

Use—Municipal.

Depth of well—437 feet.

Diameter of casing—18 inches.

Other numbers used—P. W. D. No. 121; D. W. R. Bulletins 5 and 6, No. 376-B-4; L. A. Co. F. C. D. No. 2850.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 1.	247	Jan. 1.	*251.0	Feb. 1.	*256.0
Feb. 1.	240	Mar. 1.	*249.0	Mar. 1.	*251.0
Mar. 1.	246	June 1.	*251.0	May 1.	*253.0
May 1.	246	Sept. 1.	*253.0	Sept. 1.	*260.0
June 1.	249	Dec. 1.	*256.0	Dec. 1.	*261.0
Aug. 1.	251				

* Measurement by owner and obtained from Los Angeles County Flood Control District.
Measurements from Pasadena Water Department except as noted.

C-382-II-14, C. L. POWELL. MAP 6

Location and description—50 feet south of center line of Bess Avenue, 1100 feet west from Covina Avenue, southwest of Baldwin Park.

Reference point—Base of pump, at ground.

Elevation of reference point—315, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Diameter of casing—14 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 382-E-5; L. A. Co. F. C. D. No. 3013.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 9.....	39.2	Jan. 3.....	55.4	Jan. 5.....	58.6
Aug. 10.....	46.3	Mar. 22.....	54.1	Feb. 16.....	57.4
Oct. 19.....	48.8	May 12.....	52.8	Dec. 4.....	*64.5
Nov. 13.....	49.1	Sept. 8.....	58.4		
Dec. 4.....	48.7	Nov. 24.....	59.3		
		Dec. 22.....	58.9		
1929—					
Jan. 26.....	48.0				
April 26.....	47.2				
June 4.....	49.3				
Nov. 18.....	56.0				
Dec. 31.....	55.4				

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-383-I-14, V. PELANCONI. MAP 6

Location and description—10 feet south and 150 feet east of right angle turn in Workman-Mill Road, 800 feet north of U. P. R. R. crossing, south of El Monte.

Reference point—Top of concrete curb, 0.5 feet above ground.

Elevation of reference point—252, from approximate levels by D. W. R.

Use—Irrigation.

Depth of well—228 feet.

Diameter of casing—16 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 383-E-6; L. A. Co. F. C. D. No. 2976.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 10.....	11.7	Jan. 17.....	16.8	Jan. 7.....	20.4
April 16.....	13.5	Mar. 21.....	16.8	Feb. 23.....	18.6
Aug. 11.....	17.4	June 24.....	20.7	Nov. 9.....	24.4
Oct. 19.....	15.7	Aug. 28.....	22.6	Dec. 3.....	*22.3
Dec. 4.....	15.1	Sept. 22.....	22.3		
		Dec. 27.....	23.6		
1929—					
April 25.....	15.9				
May 21.....	14.7				
June 25.....	17.8				
Aug. 14.....	20.3				
Dec. 16.....	18.0				

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-383c-1-13, BEVERLY ACRES ESTATE. MAP 5

Location and description—75 feet northwest of U. P. R. R. 50 feet southwest of Walnut Avenue, north of Whittier.

Reference point—Top of pump base at edge of air line hole, 1.8 feet above ground.

Elevation of reference point—220, from U. S. G. S. topog. by D. W. R.

Use—Domestic and irrigation.

Depth of well—194 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2958A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 19.....	13.3	Mar. 5.....	11.0	Feb. 23.....	10.9
Oct. 9.....	11.1	July 25.....	12.4	April 1.....	12.1
Dec. 16.....	11.9	Dec. 16.....	11.4	Oct. 26.....	11.8
				Nov. 9.....	12.7
				Dec. 3.....	11.6
				1932—	
				Jan. 13.....	11.4

Measurements from San Gabriel Valley Protective Association.

C-387-G-16, CONTRACT WATER COMPANY. MAP 6

Log Available

Location and description—1000 feet south of Broadway on east bank of Little Dalton Creek, 0.5 miles west of Azusa Avenue, south of Azusa.

Reference point—Pump house floor, at ground.

Elevation of reference point—496, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—485 feet.

Diameter of casing—26 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 387-G-4; L. A. Co. F. C. D. No. 4288A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 12.....	198.7	Jan. 3.....	222.0	Jan. 5.....	221.5
Aug. 7.....	206.8	Mar. 14.....	218.1	Mar. 23.....	220.7
Dec. 1.....	210.9	June 9.....	213.2	June 1.....	221.4
		July 12.....	214.0	Oct. 17.....	233.1
1929—		Nov. 24.....	222.9	Dec. 28.....	228.6
Jan. 26.....	210.6	Dec. 22.....	221.8		
April 25.....	209.5				
June 13.....	209.2				
Oct. 8.....	220.5				
Nov. 1.....	221.7				

Measurements from San Gabriel Valley Protective Association.

C-399-G-16, CITY OF COVINA, NO. 2. MAP 6

Log Available

Location and description—700 feet south of Cypress Avenue, 30 feet west of Grand Avenue, east of Covina.

Reference point—Bottom edge of pump base on I beams, 0.1 feet below concrete floor, 3.0 feet above ground.

Elevation of reference point—625, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Municipal.

Depth of well—515 feet.

Diameter of casing—20 inches.

Other numbers used—L. A. Co. F. C. D. No. 3120.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 13.....	283.9	Jan. 28.....	300.2	Feb. 2.....	808.4
Dec. 3.....	290.4	Mar. 1.....	301.1	Mar. 30.....	307.4
		April 15.....	302.6	April 20.....	306.3
1929—		May 5.....	302.4	Nov. 9.....	321.2
Jan. 26.....	291.2	Nov. 25.....	313.0	Dec. 28.....	313.8
May 6.....	294.5				
Aug. 1.....	297.4				
Dec. 17.....	299.8				

Measurements from San Gabriel Valley Protective Association.

C-401-F-16, M. H. LA FETRA. MAP 6

Location and description—1.64 miles east of Azusa Avenue, 580 feet east of Ben Lomond Avenue, 100 feet south of Sierra Madre Avenue, northeast of Glendora.

Reference point—Base of pump, at ground.

Elevation of reference point—882, from aneroid by D. W. R.

Use—Irrigation.

Depth of well—280 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 4325.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 13.....	*168.0	Mar. 11.....	b167.3	Dec. 8.....	186.0
		Aug. 23.....	183.0		
		Dec. 3.....	178.0		

* Measurement by owner.

b Measurement from San Gabriel Valley Protective Association. Reference point—top of pump base casting, 0.5 feet above ground.

Measurements from Los Angeles County Flood Control District except as noted.

C-401c-F-16, COVINA IRRIGATING COMPANY, NO. 1. MAP 6

Log Available

Location and description—180 feet north of Foothill Boulevard, 0.25 miles west of Grand Avenue, west of Glendora.

Reference point—Top edge of pump base at floor level, 1.5 feet above ground.

Elevation of reference point—704, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—648 feet.

Diameter of casing—20 inches.

Other numbers used—L. A. Co. F. C. D. No. 4326.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
July 12.....	*250.0	May 19.....	269.9	Jan. 5.....	277.7
		Sept. 8.....	271.3	Mar. 16.....	275.2
		Dec. 22.....	274.9	June 1.....	275.8
				Aug. 3.....	276.3
				Oct. 19.....	288.0
				Dec. 28.....	280.6

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-404a-F-17, G. A. COLBY. MAP 6

Location and description—90 feet west of Glendora Mountain Drive, 0.55 miles north of Sierra Madre Avenue, 450 feet below F. C. gaging station on Little Dalton Canyon, northeast of Glendora.

Reference point—Top of pit wall, 2 feet above ground.

Elevation of reference point—1116, from aneroid by D. W. R.

Use—Irrigation.

Depth of well—50 feet.

Other numbers used—L. A. Co. F. C. D. No. 4364.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
June 11.....	31.6	April 15.....	33.2		
July 18.....	34.0	May 22.....	38.2		
Dec. 2.....	37.8	Dec. 5.....	40.1		

Measurements from Los Angeles County Flood Control District.

C-405-F-17, CITY OF GLENDORA, NO. 1. MAP 6

Location and description—25 feet north of Sierra Madre Avenue, 200 feet west of Lorraine Avenue, Glendora. Casing in south end of large pump house. No pit.

Reference point—Pump house floor, at ground.

Elevation of reference point—950, from U. S. G. S. topog. by D. W. R.

Use—Municipal.

Depth of well—600 feet.

Diameter of casing—20 inches.

Other numbers used—State Div. E. and I. No. 31, Pomona Quadrangle; D. W. R. Bulletins 5 and 6, No. 405-I-1-3; L. A. Co. F. C. D. No. 4355.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1932—	
Jan. 1.....	^a 407.0	April 1.....	^b 430.5	Jan. 5.....	441.8
April 1.....	^a 404.8	Nov. 14.....	^b 440.0		
Oct. 1.....	^a 416.7	Dec. 1.....	^b 438.9		
1929—		1931—			
Feb. 1.....	^b 414.0	Jan. 1.....	^b 438.8		
June 1.....	^b 417.6	Feb. 12.....	^b 435.7		
Dec. 1.....	^b 432.0	May 13.....	437.8		
		Oct. 28.....	445.0		

^a Measurement from San Gabriel Valley Protective Association.

^b Measurement by owner.

Measurements from Los Angeles County Flood Control District except as noted.

C-415-F-17, CHAS. ELDER (FORMERLY M. F. BURMASTER). MAP 6

Location and description—100 feet south of Foothill Boulevard, 800 feet west of Big Dalton Wash, 1100 feet east of Lorraine Avenue, east of Glendora. Casing in shallow pump pit, in south end of pump house.

Reference point—Top of concrete curb, at ground.

Elevation of reference point—870, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—16 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 415-H-3; L. A. Co. F. C. D. No. 4356.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 14.....	^a 146.5	July 30.....	158.2	Jan. 22.....	157.5
Oct. 20.....	^a 150.9	Dec. 2.....	159.2	May 20.....	158.5
Dec. 8.....	^a 152.3			Dec. 8.....	164.8
1929—					
April 17.....	149.3				

^a Measurement from San Gabriel Valley Protective Association.

Measurements from Los Angeles County Flood Control District except as noted.

C-432-G-17, A. JACKSON ESTATE. MAP 6

Location and description—150 feet north of Gladstone Avenue, 2100 feet east of Glendora Avenue, south of Glendora. Casing in shallow pump pit in north end of pump house.

Reference point—Floor of pump house, at ground.

Elevation of reference point—739.9, from levels by D. W. R.

Use—Irrigation.

Diameter of casing—14 inches.

Other numbers used—W. S. P. 219, No. 147, Pomona; D. W. R. Bulletins 5 and 6, No. 432-H-4; L. A. Co. F. C. D. No. 4348.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1931—			
May 8.....	85.8	Mar. 7.....	82.4		
Oct. 20.....	107.8	April 21.....	103.0		
Dec. 7.....	99.4	May 11.....	*97.8		
		Aug. 13.....	111.7		
		Nov. 20.....	106.1		

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-437-G-17, COLUMBIA LAND AND WATER COMPANY—CARPENTER NO. 4. MAP 6

Log Available

Location and description—360 feet east of Sunflower Avenue, 330 feet north of Gladstone Avenue, south of Glendora.

Reference point—Floor of pump house in and including December 1, 1930; then, top edge of 1½-inch outlet hole in pump head, 0.6 feet above floor.

Elevation of reference point—795 to and including December 1, 1930, then, 795.6; from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—248 feet.

Diameter of casing—16 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 437-H-4, L. A. Co. F. C. D. No. 4358.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
June 12.....	*186.9	Jan. 20.....	*152.8	Feb. 26.....	145.9
		May 9.....	*142.0	Mar. 15.....	146.9
		Dec. 1.....	*164.4	April 2.....	159.8
				May 1.....	159.4
				Nov. 20.....	170.2

* Measurement from Los Angeles County Flood Control District.

† Pumping.

Measurements from San Gabriel Valley Protective Association except as noted.

C-444b-G-17, OAK WATER COMPANY, NO. 4. MAP 6

Location and description—80 feet south of Cienega Avenue, 1500 feet east of Bonnie Cove Avenue, west of San Dimas.

Reference point—Air gage, 1 foot above ground, 0.5 feet above pump base.

Elevation of reference point—742, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—350 feet.

Other numbers used—L. A. Co. F. C. D. No. 4359B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Mar. 13.....	240.0	Feb. 26.....	245.0		
May 1.....	236.0	Mar. 21.....	241.6		
Dec. 15.....	248.0	May 1.....	249.1		
		Nov. 20.....	257.8		

Measurements from San Gabriel Valley Protective Association.

C-452c-G-17, CASTLE WATER COMPANY. MAP 6

Location and description—75 feet north of Ruddock Street, 2482 feet east of Glendora Avenue, 500 feet west of Regder Avenue, east of Covina. Northeast one of four wells.

Reference point—Top of casing, 0.8 feet above ground, to and including February 27, 1931; then, top of 2" x 12" over casing, 0.2 feet higher.

Elevation of reference point—672.2 to and including February 27, 1931; then, 672.4; from levels by D. W. R.

Use—Not used.

Depth of well—376 feet.

Diameter of casing—20 inches.

Other numbers used—L. A. Co. F. C. D. No. 3140.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Aug. 13.....	180.8	Jan. 26.....	174.2	Feb. 27.....	178.7
Oct. 20.....	181.7	April 26.....	172.8	Mar. 6.....	179.1
Dec. 3.....	175.6	May 27.....	^a 178.5	April 3.....	197.6
		June 26.....	183.0	June 4.....	199.6
		July 27.....	184.6	Aug. 27.....	204.6
		Dec. 18.....	^a 198.9	Nov. 20.....	192.9

^a Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-453-G-17, CHAFFEE RANCH, NO. 2. MAP 6

Log Available

Location and description—2200 feet east along road from corner of Rowland Avenue and Grand Avenue, 100 feet north of road, 100 feet north of Walnut Creek, southeast of Covina. Airlift well outside of pump house.

Reference point—Top of blocks over casing, 1 foot above ground.

Elevation of reference point—531.1, from levels by D. W. R.

Use—Not used.

Depth of well—414 feet.

Diameter of casing—14 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 453-H-4; L. A. Co. F. C. D. No. 3132.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Mar. 12.....	84.3	July 5.....	108.0	Feb. 27.....	84.9
Aug. 13.....	126.7	Dec. 19.....	^a 88.9	May 11.....	^a 95.4
Oct. 19.....	99.2				
Dec. 3.....	94.4				

^a Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-485-F-18, GLENDORA CONSOLIDATED MUTUAL IRRIGATION COMPANY, NO 1. MAP 6

Log Available

Location and description—150 feet east of Artesia Avenue (Sycamore Canyon Road), 200 feet north of Foothill Boulevard, northwest of La Verne. Casing in shallow pit in west end of pump house.

Reference point—Top of concrete pit curb at south end, 1 foot above ground.

Elevation of reference point—1069, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—500 feet.

Diameter of casing—20 inches.

Other numbers used—W. S. P. 219, No. 231, Pomona; D. W. R. Bulletins 5 and 6, No. 485-1-3;

L. A. Co. F. C. D. No. 4407.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—Cont.	
Oct. 23.....	366.4	Jan. 25.....	385.0	June 23.....	395.6
Nov. 18.....	365.3	April 21.....	363.5	July 29.....	410.8
Dec. 23.....	352.6	Nov. 20.....	396.4	Aug. 26.....	411.8
1929—		1931—		Sept. 30.....	410.7
Feb. 11.....	329.8	Jan. 29.....	375.0	Oct. 14.....	408.5
April 10.....	321.0	Feb. 25.....	370.5	Nov. 4.....	409.2
May 21.....	335.0	Mar. 25.....	328.4	Dec. 23.....	397.6
July 11.....	359.9	April 30.....	382.1	1932—	
		May 27.....	381.6	Jan. 5.....	394.2

Measurements from Los Angeles County Flood Control District.

C-498-G-18, J. R. DENNISON, PLANT NO. 1. MAP 6

Location and description—800 feet west of Artesia Avenue, 20 feet south of Base Line Road, northwest of La Verne.

Reference point—Floor of pump house, at ground.

Elevation of reference point—1046.1, from levels by D. W. R.

Use—Irrigation.

Depth of well—520 feet.

Diameter of casing—16 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 498-1-4; L. A. Co. F. C. D. No. 4407J.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 14.....	^a 290.5	Jan. 15.....	^b 338.0	April 13.....	337.4
		Mar. 3.....	326.0	May 12.....	336.2
		April 7.....	322.0	Nov. 24.....	341.0

^a Measurement from San Gabriel Valley Protective Association.

^b Measurement by superintendent.

Measurements from Los Angeles County Flood Control District except as noted.

C-504-G-18, LA VERNE MUTUAL WATER COMPANY. MAP 6

Log Available

Location and description—1160 feet west of Grand Avenue, 10 feet south of Foothill Boulevard, northwest of La Verne.

Reference point—Top of pit at floor level.

Elevation of reference point—1112.8, from U. S. G. S. topog. by L. V. P. A.

Use—Not used.

Depth of well—640 feet.

Other numbers used—L. A. Co. F. C. D. No. 4417B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1930—		1931—	
Mar. 25.....	312.4	July 17.....	379.2	Jan. 3.....	378.3
April 11.....	311.0	Sept. 27.....	378.2	Mar. 19.....	378.3
May 24.....	316.5	Nov. 15.....	378.4	June 11.....	378.9
1922—				Oct. 17.....	378.3
April 21.....	271.6			Dec. 26.....	378.5
May 15.....	265.2				

Measurements from La Verne Protective Association.

C-509-F-18, RALPH LEWIS. MAP 6

Location and description—100 feet north of Base Line Road, 1000 feet east of Wheeler and La Verne Road, north of La Verne.

Reference point—Top of casing, 1.5 feet above ground, to and including December 19, 1922; then, top of casing 1 foot above ground.

Elevation of reference point—116^a.9 to and including December 19, 1922; then, 116^a.4, from levels by D. W. R.

Use—Not used.

Diameter of casing—16 inches.

Other numbers used—W. S. Jones No. 185; D. W. R. Bulletins 5 and 6, No. 509-I-3, L. A. Co. F. C. D. No. 4427.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1930—		1931—	
Mar. 4.....	234.6	July 18.....	257.5	Feb. 14.....	257.2
April 5.....	232.5	Sept. 15.....	258.0	May 16.....	257.3
May 13.....	233.1	Dec. 6.....	257.9	Oct. 17.....	258.2
Sept. 29.....	251.2			Dec. 26.....	257.9
1922—					
Jan. 11.....	248.5				
Mar. 31.....	241.0				
May 4.....	237.1				
June 20.....	242.0				
Dec. 19.....	245.9				

Measurements from La Verne Protective Association.

C-518-G-18, COLUMBIA LAND & WATER COMPANY, NO. 3. MAP 6

Log Available

Location and description—1800 feet east of Amelia Street, 700 feet north of Allen Avenue, north of San Dimas. Casing in shallow pump pit in south end of pump house.

Reference point—(a) Bottom edge of pump base, 3.8 feet below concrete curb; (b) floor of pump house, at ground.

Elevation of reference point—(a) 956.2; (b) 960; from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—308 feet.

Diameter of casing—20 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 518-I-4; L. A. Co. F. C. D. No. 4388A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1904—		1928—		1930—	
Mar. 9.....	*60.0	Aug. 14.....	b137.0	Jan. 20.....	b117.2
		Dec. 7.....	b151.0	Nov. 20.....	b143.3
1912—		1929—		1931—	
Mar. 14.....	*58.2	Feb. 15.....	b123.0	Mar. 6.....	*153.0
May 11.....	*54.9	July 10.....	b130.8	May 11.....	b125.2
July 27.....	*84.9			Dec. 23.....	b138.4

* Reference point (a) used.

b Reference point (b) used.

° Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-522a-G-17, C. R. LUTON. MAP 6

Log Available

Location and description—80 feet south of A. T. & S. F. Ry., 0.27 miles north of Bonita Avenue, 0.32 miles east of Lone Hill Road, west of San Dimas.

Reference point—Edge of air line hole in pump base, 0.1 feet above floor and 0.5 feet above ground.

Elevation of reference point—902, from U. S. G. S. topog. by D. W. R.

Use—Irrigation and domestic.

Depth of well—130 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 4378A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— June 27.....	124.5	1931— Feb. 27..... Mar. 15..... Apr. 3.....	112.3 112.5 112.8		

Measurements from San Gabriel Valley Protective Association.

C-534-G-18, SAN DIMAS WATER COMPANY—MUD SPRINGS PLANT. MAP 6

Log Available

Location and description—700 feet south of Bonita Avenue, 50 feet east of Artesia Street, west of La Verne.

Reference point—Base of pump, at ground.

Elevation of reference point—1002.5, from levels by D. W. R.

Use—Not used.

Depth of well—204 feet.

Diameter of casing—12 inches.

Other numbers used—W. S. Jones No. 106; D. W. R. Bulletins 5 and 6 No. 534-I-4; L. A. Co. F. C. D. No. 4409.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Mar. 14..... Aug. 13..... Oct. 22..... Dec. 8.....	*143.4 *144.1 *144.0 *143.7	1930— July 18..... Aug. 14..... Sept. 15..... Oct. 17..... Nov. 15..... Dec. 6.....	148.1 150.0 150.6 154.6 151.4 151.5	1931— Jan. 3..... Feb. 14..... April 16..... Sept. 26..... Dec. 26.....	151.2 151.6 150.3 152.3 151.9

* Measurement from San Gabriel Valley Protective Association.

Measurements from La Verne Protective Association except as noted.

C-547-G-18, BASE LINE WATER COMPANY, NO. 2. MAP 6

Location and description—800 feet west of Fiery Avenue, 170 feet south of Foothill Boulevard, northwest of La Verne. South well of two.

Reference point—Center of air gage, 1.5 feet above ground.

Elevation of reference point—1120, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—550 feet.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 4428G.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921— Mar. 25.....	224.1	1930— Aug. 2..... Dec. 6.....	358.5 353.0	1931— Jan. 3..... Feb. 20..... Nov. 28..... Dec. 26.....	341.0 329.0 356.5 344.0

Measurements from La Verne Protective Association.

C-558-G-18, MR. AMES. MAP 6

Location and description—790 feet south of Gladstone Avenue, 460 feet west of Grand Avenue, west of La Verne.

Reference point—Top of concrete curb around well, at ground.

Elevation of reference point—1058.0, from levels by L. V. P. A.

Use—Not used.

Other numbers used—L. A. Co. F. C. D. No. 44181.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1930—		1931—	
Mar. 29.....	189.8	July 17.....	256.2	Feb. 14.....	258.6
April 12.....	186.6	Sept. 15.....	268.3	July 16.....	258.7
		Oct. 17.....	257.9	Dec. 26.....	259.2
1922—		Nov. 15.....	258.5		
April 21.....	205.3	Dec. 6.....	258.6		
May 16.....	202.2				

Measurements from La Verne Protective Association.

C-561-G-18, WILLIAMS BROTHERS, NO. 2. MAP 6

Location and description—18 feet south of Third Street (Bonita Avenue), 500 feet east of Fiery Avenue, La Verne. No pit.

Reference point—Top of casing, 1.5 feet above ground.

Elevation of reference point—1041.2, from levels by L. V. P. A.

Use—Not used.

Diameter of casing—16 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 561-I-4; L. A. Co. F. C. D. No. 4429A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 13.....	177.8	Aug. 2.....	190.6	Jan. 3.....	192.8
Oct. 22.....	181.8	Oct. 17.....	192.6	April 16.....	194.4
Dec. 8.....	181.0	Nov. 15.....	192.6	Oct. 17.....	196.8
				Dec. 26.....	195.8

Measurements from La Verne Protective Association.

Note—This well is the same as Well No. 561-I-4, San Gabriel Investigation, Bulletins 5 and 6. The measurements for years 1912 and 1921, given in Bulletin 5, were made on an old well, given number 561a on the map published with this bulletin.

C-586e-G-18, BONITA WATER COMPANY. MAP 6

Log Available

Location and description—75 feet south of Sixth Street, 270 feet west of "D" Street, La Verne.

Reference point—Top of concrete curb, 0.7 feet above ground.

Elevation of reference point—1061, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—613 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 4439E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Dec. 6.....	397.6	Jan. 3.....	385.1		
		Mar. 19.....	362.0		
		May 16.....	369.5		
		Nov. 21.....	439.0		

Measurements from La Verne Protective Association.

C-593a-G-19, MR. BAYNHAM. MAP 6

Location and description—500 feet west of Fruit Street, 790 feet south of Base Line Avenue, north of La Verne.

Reference point—Top edge of 1 beams, at floor and ground

Elevation of reference point—1153, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Other numbers used—L. A. Co. F. C. D. No. 4438D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1930—		1931—	
April 30.....	217.2	Sept. 27.....	293.3	Feb. 14.....	310.5
		Oct. 18.....	316.0	May 16.....	289.1
1922—		Nov. 15.....	318.0	Nov. 28.....	321.0
Jan. 11.....	224.1	Dec. 6.....	315.0	Dec. 26.....	319.0
April 28.....	188.1				
June 7.....	224.9				

Measurements from La Verne Protective Association.

C-595-G-19, EVERGREEN RANCH, NO. 1. MAP 6

Log Available

Location and description—200 feet south of Foothill Boulevard, 1100 feet east of D Street, La Verne. 20 feet north of northeast corner of brick pump house.

Reference point—Top of casing, 2.0 feet above ground to and including March 24, 1924; then, top of new casing, 2.5 feet above old reference point, to and including December 9, 1928; then, top of casing at well floor, 0.5 feet above ground.

Elevation of reference point—1135.8 to and including March 24, 1924, then, 1138.3 to and including December 9, 1928, then, 1134.3; from levels by L. V. P. A.

Use—Not used.

Depth of well—636 feet.

Diameter of casing—18 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 595-J-4; W. S. P. 219, No. 247, Pomona; State Div. E. and I. No. 60, Pomona Quad.; L. A. Co. F. C. D. No. 4438.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1923—		1930—	
Mar. 1.....	173.4	Mar. 16.....	178.1	Aug. 2.....	301.6
April 18.....	170.8			Oct. 18.....	304.7
		1924—		Dec. 6.....	279.0
1922—		Mar. 24.....	192.7		
Jan. 10.....	189.4			1931—	
April 21.....	175.5	1928—		Jan. 3.....	263.4
May 15.....	175.0	Dec. 9.....	*285.1	Feb. 14.....	251.5
Dec. 19.....	185.3			Mar. 19.....	246.4
				June 13.....	239.3
				Dec. 26.....	240.9

* Measurement from San Gabriel Valley Protective Association.

Measurements from La Verne Protective Association except as noted.

C-603-G-19, CITY OF LA VERNE, NO. 1. MAP 6

Location and description—170 feet north of Fifth Street, 25 feet west of Lincoln Avenue, La Verne. South well of two. Casing in center of pump house.

Reference point—Base of pump, at ground.

Elevation of reference point—1076, from U. S. G. S. topog. by D. W. R.

Use—Municipal.

Depth of well—330 feet.

Diameter of casing—18 inches.

Other numbers used—W. S. Jones No. 199; D. W. R. Bulletins 5 and 6, No. 603-J-4; L. A. Co. F. C. D. No. 4439.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1930—		1931—	
Aug. 25.....	253.3	May 22.....	*222.2	Jan. 3.....	229.1
		Sept. 15.....	227.1	April 16.....	230.1
		Oct. 18.....	227.8	Oct. 17.....	234.6
		Dec. 6.....	228.9	Dec. 26.....	236.1

* North well pumping.

Measurements from La Verne Protective Association.

C-611-G-19, SAN DIMAS WATER COMPANY, YORBA NO. 1. MAP 6

Log Available

Location and description—15 feet south of La Verne Avenue, 60 feet east of Lincoln Avenue, south of La Verne.

Reference point—Edge of air line hole in pump base, 1.2 feet above floor.

Elevation of reference point—1044.0, from levels by L. V. P. A.

Use—Irrigation.

Depth of well—393 feet.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 3230.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1923—		1931—	
Mar. 30.....	91.2	Feb. 22.....	90.3	Jan. 3.....	273.7
July 29.....	108.3	Mar. 8.....	88.0	Mar. 19.....	261.3
		May 8.....	81.0	June 11.....	272.6
1922—		1930—		Nov. 21.....	298.3
Jan. 10.....	110.1	May 22.....	241.6	Dec. 24.....	290.2
April 22.....	102.8				
May 16.....	103.1				

Measurements from La Verne Protective Association.

C-612a-G-18, EVERGREEN RANCH. MAP 6

Log Available

Location and description—180 feet east of E Street, $\frac{1}{4}$ mile south of P. E. Ry., south of La Verne.

Reference point—Top edge of beams, at ground.

Elevation of reference point—1018, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—750 feet.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 3220B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 29.....	*162.7	Jan. 3.....	340.4		
July 28.....	337.0	Mar. 19.....	321.7		
Oct. 17.....	366.0	Aug. 13.....	416.0		
Dec. 6.....	357.0	Oct. 17.....	392.5		
		Dec. 24.....	260.0		

* Measurement from Los Angeles County Flood Control District. Reference point—top of casing, 2 feet above ground.

Measurements from La Verne Protective Association except as noted.

C-627-G-19, LA VERNE WATER COMPANY. MAP 6

Location and description—360 feet west of Williams Avenue, 160 feet south of Amherst Street, northeast of La Verne. Middle well of three.

Reference point—Top edge of curb, 0.3 feet above ground.

Elevation of reference point—1230, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Other numbers used—L. A. Co. F. C. D. No. 4448G.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
July 18.....	279.2	Feb. 14.....	229.5		
Sept. 15.....	289.3	May 16.....	227.7		
Oct. 18.....	276.2	July 17.....	280.6		
Dec. 6.....	255.7	Sept. 26.....	283.2		
		Dec. 26.....	246.5		

Measurements from La Verne Protective Association.

C-655a-E-19, CLAREMONT DOMESTIC WATER COMPANY, NO. 1. MAP 6

Location and description—325 feet west of Indian Hill Avenue, and 360 feet north of Base Line Avenue, north of Claremont

Reference point—Top of casing, at ground, to and including October 18, 1929, then, top of $\frac{1}{2}$ -inch tee on air line, 0.8 feet above ground

Elevation of reference point—1402.4 to and including October 18, 1929, then, 1403.2; from levels by J. R. Shoemaker

Use—Domestic and irrigation.

Diameter of casing—12 inches.

Other numbers used—W. S. P. 219, No. 266, Cucamonga Quad.; L. A. Co F. C. D. No. 4477K.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1906—		1916—		1927—	
Oct. 20.....	115.0	Mar. 12.....	101.5	Jan. 5.....	187.0
Nov. 25.....	109.6	April 16.....	90.7	April 30.....	162.5
		June 10.....	69.0	May 13.....	165.1
1907—				Aug. 15.....	151.2
Feb. 10.....	113.7	1917—		Sept. 1.....	149.4
May 6.....	102.5	Mar. 15.....	119.0	Dec. 31.....	136.1
Aug. 15.....	77.7	May 27.....	118.6		
Sept. 15.....	80.7			1928—	
1908—		1921—		Jan. 23.....	134.8
May 30.....	119.0	July 16.....	162.1	Mar. 23.....	133.3
Sept. 24.....	129.0	Dec. 15.....	169.4		
Nov. 22.....	126.0			1929—	
1909—		1922—		Jan. 29.....	166.5
Jan. 6.....	126.5	Jan. 5.....	158.1	Feb. 26.....	162.9
Mar. 7.....	128.5	Mar. 27.....	120.0	Mar. 12.....	171.3
June 13.....	121.0	May 24.....	62.7	April 30.....	160.1
Aug. 1.....	107.5	July 3.....	54.9	June 4.....	193.3
		Oct. 2.....	77.0	July 5.....	187.1
1911—		1923—		Oct. 18.....	280.4
Dec. 3.....	111.0	Jan. 3.....	95.0	Nov. 17.....	274.9
		Feb. 27.....	103.8		
1912—		1924—		1930—	
Jan. 31.....	117.8	Jan. 4.....	150.7	Mar. 20.....	208.6
Mar. 21.....	115.6	Mar. 24.....	142.5	May 23.....	194.8
May 8.....	134.7	Aug. 4.....	164.0	July 10.....	232.8
May 31.....	129.0	Nov. 6.....	171.4	Oct. 18.....	250.5
Aug. 25.....	138.4			Nov. 17.....	250.3
1914—		1925—		1931—	
June 3.....	112.9	Jan. 6.....	159.3	Feb. 12.....	246.7
Aug. 20.....	95.1	May 14.....	167.9	April 23.....	272.6
		July 24.....	182.5	Aug. 14.....	356.5
1915—		1926—		Nov. 28.....	342.8
Feb. 18.....	113.7	Jan. 7.....	186.5		
June 7.....	116.7	May 28.....	181.0		
Oct. 31.....	106.5	Aug. 4.....	201.2		

Measurements from J. R. Shoemaker.

C-655d-F-19, CLAREMONT COOPERATIVE WATER COMPANY—POMEROY WELL. MAP 6

Log Available

Location and description—525 feet east of Mountain Avenue, 0.1 mile north of Base Line Road, north of Claremont.

Reference point—Edge of $\frac{3}{8}$ -inch hole in pump head on west side, 0.7 feet above floor.

Elevation of reference point—1374.7, from U. S. G. S. topog. by L. A. Co F. C. D.

Use—Irrigation.

Depth of well—440 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co F. C. D. No. 4477D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 1.....	199.9	Jan. 10.....	224.4	Jan. 29.....	229.5
Nov. 17.....	242.0	Mar. 5.....	212.1		
Dec. 6.....	226.9	Nov. 28.....	245.8		

Measurements from Pomona Valley Protective Association.

C-655q-F-19, MR. GALE. MAP 6

Location and description—40 feet north of Thompson Creek, 0.4 miles below Thompson Creek Dam, north of Claremont. Dug well.

Reference point—Top of curb, at ground.

Elevation of reference point—1530.9, from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—65 feet.

Other numbers used—L. A. Co. F. C. D. No. 4486.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912—		1930—		1931—	
Feb. 15.....	*42.6	Jan. 18.....	42.0	Jan. 6.....	43.0
Mar. 15.....	*34.2			May 25.....	39.6
May 20.....	*27.0			Dec. 16.....	43.0
June 26.....	*33.0				
Aug. 3.....	*42.4				

* Measurement from J. R. Shoemaker.

Measurements from Los Angeles County Flood Control District except as noted.

C-656-F-20, LEE PITZER. MAP 6

Location and description—1200 feet north of Base Line Avenue, 700 feet west of Monte Vista Avenue, north of Claremont.

Reference point—Bottom edge of hole in casing at air and oil lines.

Elevation of reference point—1545, from U. S. G. S. topog. by D. W. R.

Use—Domestic and irrigation.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 4497D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1932—			
Jan. 16.....	*240.0	Jan. 29.....	245.9		
Mar. 5.....	237.0				
May 23.....	267.5				
Dec. 3.....	253.0				

* Measurement from Los Angeles County Flood Control District. Reference point—hole in west side of casing, at ground.

Measurements from Pomona Valley Protective Association except as noted.

C-656a-F-20, CLAREMONT HEIGHTS WATER COMPANY, LITTLETON NO. 1. MAP 6

Location and description—450 feet west of Monte Vista Avenue (Camp Baldy Road) and 150 feet north of Pomello Avenue, west of Upland. South well.

Reference point—Floor of pump house.

Elevation of reference point—1632.7, from levels by J. R. Shoemaker.

Use—Not used.

Depth of well—420 feet.

Diameter of casing—20 inches.

Other numbers used—L. A. Co. F. C. D. No. 4506.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1914—		1917—		1923—	
June 8.....	163.6	Jan. 22.....	247.5	Feb. 10.....	229.8
		April 17.....	185.0	Mar. 16.....	227.9
1915—		1922—		1924—	
Feb. 18.....	255.0	Jan. 1.....	263.0	Jan. 30.....	246.1
Mar. 10.....	215.0	Jan. 5.....	246.6	Mar. 23.....	247.7
June 2.....	157.6	Feb. 22.....	164.8		
July 10.....	165.8	Mar. 13.....	130.4	1926—	
Oct. 31.....	201.7	April 15.....	113.3	Jan. 30.....	242.4
1916—		June 2.....	129.3		
Mar. 12.....	133.1	Aug. 1.....	158.6		
April 16.....	119.7	Oct. 16.....	196.2		
May 13.....	134.2	Dec. 26.....	214.7		
June 10.....	160.6				
Sept. 24.....	199.5				

Measurements from J. R. Shoemaker.

C-656h-F-20, PADUA HILLS, INC. MAP 6

Location and description—500 feet north of Camp Baldy Road, 500 feet east of Palmer Canyon Road, west of Upland.

Reference point—Top of hole in tin casing cover, 1 foot above ground.

Elevation of reference point—1831.0, from levels by J. R. Shoemaker.

Use—Domestic.

Depth of well—66 feet.

Diameter of casing—24 inches.

Other numbers used—L. A. Co. F. C. D. No. 4504.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912—		1931—			
Feb. 27.....	28.6	Jan. 6.....	*55.0		
April 25.....	11.6	Nov. 11.....	*38.0		
July 24.....	26.9	Dec. 6.....	*43.0		
Aug. 14.....	37.7				
Sept. 26.....	33.7				

* Measurement from Los Angeles County Flood Control District.

^b Measurement from owner.

Measurements from J. R. Shoemaker except as noted.

C-656i-F-20, H. H. GARNER. MAP 6

Location and description—45 feet north of Camp Baldy Road, 1.05 miles west of Palmer Canyon Road, 200 feet west of L. A. Co. F. C. D. San Antonio gaging station at spreading works, northwest of Upland.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—2064, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—106 feet.

Diameter of casing—20 inches.

Other numbers used—L. A. Co. F. C. D. No. 4514.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
July 8.....	35.4	Jan. 17.....	55.2	Jan. 14.....	52.4
		April 21.....	45.7	April 20.....	46.3
		Nov. 24.....	50.8	May 25.....	40.5
				Nov. 18.....	51.6

Measurements from Los Angeles County Flood Control District.

C-658-G-20, MOUNTAIN VIEW WATER COMPANY, NO. 1. MAP 6

Log Available

Location and description—210 feet east of Monte Vista Avenue, 0.17 miles south of Base Line Avenue, northeast of Claremont.

Reference point—Top of $\frac{3}{4}$ -inch pipe, 0.7 feet above floor and ground.

Elevation of reference point—1482.5, from levels by P. V. P. A.

Use—Domestic and irrigation.

Depth of well—505 feet.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 4508A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1914—		1922—Cont.		1928—	
Feb. 12.....	124.9	Aug. 1.....	42.1	Jan. 15.....	117.0
1916—		Sept. 1.....	54.3	April 9.....	118.4
Feb. 14.....	78.5	Oct. 2.....	65.7	1929—	
Mar. 17.....	51.5	Nov. 11.....	76.6	Feb. 22.....	161.9
April 23.....	33.3	Dec. 26.....	86.0	April 30.....	159.1
1918—		1924—		1930—	
Mar. 17.....	111.5	Aug. 4.....	157.7	Jan. 27.....	200.5
1921—		Nov. 19.....	158.8	Mar. 20.....	191.8
Nov. 23.....	*167.5	Dec. 12.....	153.4	Nov. 17.....	223.8
Dec. 15.....	*164.5	1925—		1931—	
Dec. 23.....	136.8	Aug. 10.....	176.2	Jan. 10.....	214.1
1922—		1926—		Feb. 12.....	208.8
Jan. 1.....	131.8	Dec. 26.....	175.9	Mar. 5.....	206.2
Feb. 1.....	100.8	1927—		Dec. 3.....	223.9
Mar. 2.....	67.7	Mar. 16.....	160.8	1932—	
April 4.....	38.6	May 7.....	138.8	Jan. 30.....	215.0
May 18.....	27.8	Sept. 1.....	126.0		
July 3.....	35.2	Dec. 31.....	117.2		

* Pumping.

Measurements from Pomona Valley Protective Association.

C-659c-G-20, MT. CLAIR WATER COMPANY, NO. 1. MAP 6

Location and description—0.40 miles south of Base Line Road, 0.23 miles east of Mills Avenue, north of Claremont. 55 feet south and 140 feet east of No. 2 (C-659b-G-20).

Reference point—Top of concrete curb, at floor.

Elevation of reference point—1423.3, from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—200 feet.

Diameter of casing—15 inches.

Other numbers used—L. A. Co. F. C. D. No. 4498A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1924—		1929—	
Dec. 15.....	105.6	Feb. 14.....	100.6	Mar. 12.....	126.9
1922—		Nov. 26.....	122.0	Aug. 13.....	158.1
Jan. 9.....	100.0	1925—		Dec. 2.....	167.5
Feb. 21.....	72.2	Jan. 6.....	119.4	1930—	
Mar. 28.....	35.3	Mar. 22.....	122.8	Jan. 27.....	161.9
April 19.....	18.2	April 5.....	122.4	Feb. 20.....	160.6
May 18.....	11.1	Oct. 15.....	143.3	Mar. 20.....	152.8
July 13.....	16.6	Nov. 6.....	142.4	May 23.....	145.1
Sept. 12.....	30.8	1926—		Oct. 18.....	181.0
Nov. 11.....	49.1	Jan. 7.....	147.1	Nov. 17.....	182.2
Dec. 26.....	55.1	Feb. 21.....	147.6	1931—	
1923—		May 8.....	140.2	Jan. 10.....	171.0
Jan. 17.....	59.4	June 13.....	148.9	Mar. 5.....	162.0
Feb. 27.....	63.6	Dec. 26.....	151.5	April 23.....	169.1
		1927—		May 23.....	164.9
		Mar. 16.....	137.6	July 18.....	175.7
		April 19.....	129.4	Oct. 3.....	182.7
				Dec. 3.....	178.0

Measurements from J. R. Shoemaker.

C-659g-G-20, ONTARIO WATER COMPANY- D WELL. MAP 6

Location and description—500 feet east of College Avenue, 0.25 miles north of Foothill Boulevard, Claremont.

Reference point—Top of casing, 1.5 feet b. low ground.

Elevation of reference point—1315.6, from levels by P. V. P. A.

Use—Not used.

Depth of well—225 feet.

Diameter of casing—10 inches.

Other numbers used—W. S. P. 468, No. 55b; W. S. P. 219, No. 265c Cucamonga, L. A. Co. F. C. D. No. 4488.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1913—		1922—		1928—	
May 18.....	*55.7	Mar. 9.....	49.6	Jan. 15.....	*51.3
1914—		May 25.....	36.0	May 23.....	51.2
June 3.....	*45.7	July 3.....	30.3	July 27.....	68.6
Nov. 23.....	44.4	Sept. 14.....	36.6	Nov. 19.....	78.5
1915—		Oct. 30.....	*49.5	Dec. 27.....	68.2
Feb. 14.....	*40.9	Dec. 26.....	*32.3	1929—	
May 25.....	42.1	1923—		Feb. 12.....	55.2
Nov. 3.....	51.7	Mar. 9.....	38.6	April 10.....	52.4
1916—		May 22.....	58.1	May 18.....	58.9
April 30.....	*28.2	Oct. 4.....	64.3	June 25.....	69.4
June 10.....	*22.8	1924—		July 9.....	72.6
Nov. 18.....	34.5	Mar. 21.....	58.7	Dec. 16.....	79.1
1918—		Oct. 21.....	78.8	1930—	
Mar. 17.....	*47.5	1925—		Jan. 25.....	81.4
Oct. 14.....	65.0	Mar. 20.....	69.9	Feb. 20.....	*85.7
1919—		Nov. 6.....	84.8	Mar. 20.....	*85.6
May 14.....	61.5	1926—		May 1.....	*88.1
Oct. 22.....	70.1	Jan. 8.....	*73.5	May 29.....	*84.9
1920—		Mar. 28.....	*67.6	July 10.....	*84.6
May 12.....	58.5	May 19.....	67.7	Aug. 8.....	*87.9
Nov. 19.....	*55.6	Oct. 13.....	89.1	Sept. 2.....	*89.2
Dec. 30.....	*52.0	Dec. 26.....	*87.7	Nov. 17.....	*91.2
1921—		1927—		1931—	
Jan. 22.....	*51.2	Mar. 16.....	*60.9	Jan. 10.....	*92.0
May 27.....	54.0	May 27.....	60.8	Feb. 18.....	*92.7
July 22.....	68.1	Aug. 24.....	*78.5	Mar. 20.....	*87.9
Sept. 16.....	76.0	Nov. 3.....	76.9	May 23.....	*91.1
Oct. 18.....	72.5			Aug. 14.....	*79.0
Dec. 31.....	*64.4			Oct. 3.....	*76.6
				Dec. 3.....	*83.7

^a Measurement from Pomona Valley Protective Association.

^b Measurement from Los Angeles County Flood Control District.

Measurements from United States Geological Survey (Water Supply Paper 469 and unpublished records) except as noted.

C-659i-G-20, L. C. PITZER (BASE LINE WELL). MAP 6

Log Available

Location and description—30 feet south of Base Line Avenue, 245 feet west of Monte Vista Avenue (Camp Baldy Road), north of Claremont.

Reference point—Bottom edge of pump base, at ground.

Elevation of reference point—1511.8, from levels by J. R. Shoemaker.

Use—Irrigation and domestic.

Depth of well—408 feet.

Diameter of casing—20 inches.

Other numbers used—L. A. Co. F. C. D. No. 4507.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1913—		1919—		1925—	
May 18.....	141.8	April 15.....	138.6	Feb. 1.....	174.1
1914—		1921—		April 5.....	174.0
Feb. 20.....	149.3	Mar. 18.....	137.0	Oct. 9.....	191.2
June 3.....	67.7	June 18.....	146.6	1926—	
July 12.....	73.5	Aug. 9.....	154.7	Jan. 7.....	191.8
1915—		Oct. 4.....	156.5	Feb. 22.....	195.4
Mar. 10.....	119.6	Dec. 29.....	154.3	May 8.....	191.9
June 21.....	69.8	1922—		Dec. 26.....	190.2
Oct. 31.....	103.6	Feb. 10.....	110.8	1927—	
1916—		Mar. 31.....	55.6	Mar. 16.....	177.0
Feb. 8.....	105.3	May 18.....	42.7	1930—	
April 30.....	44.9	July 7.....	51.8	Jan. 27.....	211.0
June 10.....	51.6	Nov. 11.....	97.1	Mar. 30.....	208.5
Sept. 24.....	104.0	Dec. 26.....	107.0	May 1.....	211.6
Nov. 20.....	118.6	1923—		Nov. 17.....	229.1
1917—		Feb. 27.....	116.2	1931—	
Feb. 24.....	123.4	1924—		Jan. 10.....	224.8
1918—		Jan. 4.....	149.5	Mar. 5.....	220.3
Mar. 17.....	144.0	April 6.....	158.5	April 23.....	226.5
May 19.....	122.6	Nov. 6.....	171.3	Nov. 28.....	239.6
		Dec. 12.....	170.4		

Measurements from J. R. Shoemaker.

C-660-G-19, ALLEN-TOWNE. MAP 6

Location and description—0.48 miles north of Foothill Boulevard, 160 feet east of Oxford Avenue, Claremont.

Reference point—Pump house floor, 0.5 feet above ground.

Elevation of reference point—1311, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Other numbers used—L. A. Co. F. C. D. No. 4478A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Mar. 26.....	110.6	Jan. 27.....	180.0	Jan. 10.....	187.4
April 30.....	104.0	Mar. 20.....	163.5	Feb. 12.....	179.4
May 30.....	128.6	April 4.....	*156.5	Mar. 5.....	175.3
July 5.....	151.1	May 23.....	152.3	1932—	
		Sept. 2.....	197.6	Jan. 29.....	203.7
		Nov. 17.....	209.0		
		Dec. 6.....	197.4		

* Measurement from Los Angeles County Flood Control District.

Measurements from Pomona Valley Protective Association except as noted.

C-660b-G-19, ALLEN-TOWNE. MAP 6

Location and description—150 feet west of Oxford Avenue, 150 feet north of Foothill Boulevard, Claremont. Windmill.

Reference point—Top of wooden blocks.

Elevation of reference point—1250.4, from levels by J. R. Shoemaker.

Use—Abandoned.

Depth of well—325 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 4479.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1906—		1916—		1925—	
Nov. 2.....	50.0	Mar. 12.....	64.8	Feb. 7.....	189.2
		April 2.....	63.8	May 14.....	183.0
1908—		April 30.....	38.0	July 24.....	199.3
Nov. 5.....	60.0	June 10.....	52.4		
				1926—	
1911—		1917—		Jan. 9.....	206.3
Aug. 26.....	69.9	June 6.....	72.9	Feb. 22.....	205.4
				June 10.....	204.4
1912—		1918—		Sept. 21.....	212.8
Feb. 26.....	75.1	Nov. 14.....	148.1		
Mar. 15.....	79.6			1927—	
April 26.....	73.2	1921—		Mar. 16.....	215.0
May 27.....	82.5	Nov. 23.....	194.0	May 12.....	213.3
July 10.....	79.1	Dec. 5.....	191.4		
Aug. 10.....	87.1			1928—	
Sept. 12.....	84.0	1922—		Mar. 23.....	217.1
		Jan. 5.....	189.4		
1914—		Mar. 3.....	184.3	1929—	
June 3.....	133.6	April 27.....	178.2	Mar. 12.....	224.2
July 10.....	131.1	June 19.....	169.2	May 30.....	225.1
Aug. 22.....	131.5	Oct. 9.....	56.2	Aug. 13.....	230.1
		Dec. 9.....	60.4	Dec. 2.....	235.6
1915—					
June 7.....	72.0	1923—		1930—	
Aug. 22.....	73.3	Jan. 17.....	62.0	Feb. 20.....	235.3
Oct. 31.....	70.4	Feb. 27.....	65.3	May 23.....	234.6
				July 10.....	236.5
		1924—		Aug. 8.....	237.8
		Aug. 20.....	183.6	Sept. 2.....	238.9
		Nov. 6.....	193.6	Oct. 18.....	*
		Dec. 12.....	192.3		

* Filled with rocks to 96 feet.
Measurements from J. R. Shoemaker.

C-663-G-19, AVENUE LINE WATER COMPANY. MAP 6

Location and description—0.22 miles east of San Antonio Avenue, 35 feet south of Harrison Avenue, west of Claremont.

Reference point—Top of pump head casting at edge of air line hole, 1.6 feet above ground.

Elevation of reference point—1147, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Other numbers used—L. A. Co. F. C. D. No. 3260.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—		1926—		1930—	
Aug. 20.....	213.0	Jan. 8.....	208.7	Jan. 27.....	284.7
Sept. 29.....	211.6	Feb. 22.....	192.5	Feb. 20.....	277.5
Dec. 12.....	156.5	June 13.....	215.0	Mar. 20.....	270.2
		Aug. 4.....	233.2	May 23.....	258.5
1925—		Oct. 1.....	224.1	Dec. 6.....	287.6
Jan. 6.....	144.3				
Feb. 7.....	144.8	1927—		1931—	
Mar. 3.....	141.0	Mar. 16.....	201.6	Jan. 10.....	279.3
April 19.....	133.0	April 22.....	194.5	Feb. 12.....	270.8
May 12.....	147.6			Mar. 5.....	266.7
July 18.....	212.8	1929—		May 23.....	262.0
Aug. 19.....	226.3	Mar. 14.....	232.1	June 26.....	300.2
Sept. 10.....	233.1	April 8.....	228.1	July 18.....	280.5
Oct. 9.....	210.1	April 30.....	224.4	Aug. 14.....	317.7
		May 10.....	225.4	Oct. 3.....	337.1
		May 30.....	234.6	Nov. 23.....	296.0

Measurements from Pomona Valley Protective Association.

C-665-G-20, DEL MONTE IRRIGATION COMPANY, NO. 226. MAP 6

Log Available

Location and description—55 feet south of A. T. & S. F. Ry., 110 feet east of College Avenue, Claremont.

Reference point—Center line of air gage, 0.5 feet above ground.

Elevation of reference point—1150, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—450 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 3280J.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 22.....	177.0	Jan. 27.....	249.2	Feb. 12.....	165.0
Mar. 12.....	158.0	Mar. 20.....	201.0	Mar. 5.....	158.5
April 8.....	150.0	July 10.....	*274.0	May 23.....	*256.0
May 10.....	199.0	Sept. 2.....	*308.0	July 18.....	*285.0
July 5.....	230.7	Oct. 18.....	239.0	Aug. 14.....	*267.1
Aug. 13.....	234.2			Oct. 3.....	*304.9
				Dec. 3.....	225.5
				1932—	
				Jan. 30.....	234.7

* Pumping.

Measurements from Pomona Valley Protective Association.

C-665h-G-20, POMONA COLLEGE (BIELEY WELL). MAP 6

Location and description—40 feet south of Second Street, 275 feet east of College Avenue, Claremont.

Reference point—Top of casing, 1.5 feet above ground

Elevation of reference point—1171.5, from levels by J. R. Shoemaker.

Use—Not used.

Depth of well—117 feet.

Diameter of casing—10 inches.

Other numbers used—W. S. P. 219, No. 250, Cucamonga, W. S. P. 468, No. 56; L. A. Co. F. C. D. No. 3280.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1904—		1911—Cont.		1920—	
Oct. 8.....	97.3	June 9.....	*27.2	May 12.....	78.2
Dec. 13.....	98.1	July 29.....	*26.3	Nov. 23.....	85.6
1905—		Sept. 30.....	*21.2		
Jan. 11.....	97.0	Dec. 6.....	*18.7	1921—	
Mar. 10.....	91.2			May 27.....	89.1
May 17.....	88.8	1912—		July 25.....	92.0
Sept. 21.....	99.7	Jan. 7.....	*19.1	Sept. 16.....	94.0
Dec. 20.....	93.7	May 23.....	*22.5	Oct. 19.....	95.7
		July 27.....	*32.1	Nov. 23.....	*97.1
		Oct. 8.....	*36.8	Dec. 31.....	*96.4
1906—		1913—		1922—	
Jan. 27.....	97.8	May 18.....	*47.6	Mar. 9.....	90.0
June 26.....	81.2	Oct. 17.....	59.7	May 25.....	89.5
Oct. 16.....	*59.5			July 25.....	76.5
Dec. 10.....	40.7	1914—		Oct. 9.....	54.1
1907—		April 3.....	50.1		
Feb. 11.....	40.5	June 24.....	50.7	1923—	
Oct. 8.....	*5.5	Sept. 4.....	45.0	Jan. 3.....	*30.7
		Nov. 23.....	43.4	Mar. 9.....	26.2
1908—		1915—		May 22.....	34.8
Feb. 27.....	*11.2	Jan. 31.....	*41.9	Oct. 4.....	42.9
April 25.....	*14.9	June 7.....	*38.1		
July 5.....	*18.7	Aug. 20.....	*42.2	1924—	
Sept. 18.....	*26.5	Nov. 3.....	42.8	Jan. 15.....	*50.7
Dec. 30.....	*27.9			Mar. 21.....	54.2
		1916—		Oct. 21.....	69.4
1909—		Feb. 6.....	*29.0	Nov. 6.....	*70.8
Jan. 15.....	*27.2	May 18.....	15.0		
April 4.....	*28.1	Nov. 18.....	9.2	1925—	
June 16.....	*34.5			Jan. 8.....	*66.1
Sept. 16.....	*31.9	1917—		Mar. 20.....	72.7
Nov. 17.....	*26.6	May 26.....	24.8	Nov. 6.....	85.0
1910—		Nov. 26.....	43.2	1926—	
Feb. 1.....	23.6			Jan. 7.....	*87.7
May 6.....	*22.9	1918—		May 19.....	90.7
Aug. 18.....	*28.3	Mar. 17.....	*41.0	Oct. 13.....	97.5
Nov. 2.....	*27.3	Nov. 14.....	*64.8	Dec. 26.....	*92.2
1911—		1919—			
Jan. 3.....	26.9	May 14.....	66.4	1928—	
Mar. 22.....	*26.9	Oct. 22.....	76.8	May 27.....	b92
April 29.....	*24.7			Nov. 3.....	b92

^a Measurement from J. R. Shoemaker.

^b Dry at this depth.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records) except as noted.

C-670e-G-19, CITY OF POMONA, NO. 4. MAP 6

Log Available

Location and description—665 feet west of San Antonio Avenue, 1300 feet north of San Bernardino Avenue, 60 feet south of property line, northeast of Pomona.

Reference point—Top of pump base, 0.1 feet above floor, to and including August 8, 1930, then, top of air line 0.9 feet above floor.

Elevation of reference point—978 to and including August 8, 1930; then, 978.8; from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—700 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 3262A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Mar. 16.....	170.8	Jan. 3.....	218.1	Feb. 21.....	217.9
May 9.....	172.8	Feb. 7.....	211.5	Mar. 5.....	219.6
July 5.....	204.9	Mar. 7.....	208.1	April 23.....	223.7
Nov. 19.....	224.0	April 4.....	205.3	May 23.....	224.2
		May 23.....	206.0	Oct. 3.....	248.6
		July 11.....	215.3	1932—	
		Aug. 8.....	229.2	Jan. 30.....	233.5

Measurements from Pomona Valley Protective Association.

C-670m-G-19, CATHCART ESTATE. MAP 6

Location and description—East of San Antonio Avenue, 1500 feet north of San Bernardino Avenue, Pomona.

Reference point—Top of casing, 1.2 feet above ground.

Elevation of reference point—997, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—300-600 feet.

Diameter of casing—12 inches.

Other numbers used—W. S. P. 468, No. 58c; L. A. Co. F. C. D. No. 3261G.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1905—		1911—		1918—	
Nov. 11.....	72.0	Jan. 3.....	16.4	May 10.....	22.4
Dec. 20.....	68.8	Mar. 23.....	^a 10.3	Oct. 14.....	39.2
1906—		Aug. 2.....	^a 18.6	1919—	
Jan. 26.....	68.5	Oct. 7.....	^a 15.8	May 14.....	42.7
Mar. 14.....	67.3	Nov. 26.....	^a 13.2	1920—	
May 8.....	62.4	1912—		Nov. 24.....	74.3
June 26.....	65.7	Feb. 19.....	^b 9.1	1921—	
Aug. 1.....	67.9	April 2.....	^b 9.0	May 27.....	76.8
Sept. 24.....	68.2	June 5.....	^b 10.3	July 22.....	96.7
Dec. 10.....	65.9	Oct. 21.....	20.8	Oct. 18.....	124.0
1907—		1913—		1922—	
Feb. 11.....	61.5	Oct. 17.....	45.6	Mar. 9.....	91.5
May 15.....	53.8	1914—		April 9.....	115.2
Aug. 26.....	46.8	April 3.....	36.4	Oct. 9.....	109.3
Dec. 30.....	18.4	June 24.....	38.8	1923—	
1908—		Sept. 4.....	45.7	Mar. 9.....	74.1
Feb. 13.....	^a 9.5	Nov. 23.....	40.8	May 22.....	74.0
Sept. 25.....	^a 11.2	1915—		Oct. 17.....	91.0
Oct. 13.....	14.8	May 25.....	23.3	1924—	
Dec. 26.....	11.2	Nov. 3.....	30.7	Oct. 21.....	119.8
1909—		1916—		1925—	
Jan. 4.....	^a 9.8	May 18.....	8.8	Mar.....	Destroyed
July 9.....	13.1	Nov. 18.....	5.2		
Oct. 12.....	17.0	1917—			
1910—		May 27.....	3.7		
Feb. 1.....	^c 10.8	Nov. 26.....	11.6		
Aug. 8.....	13.8				

^a Measurement from W. S. Jones.

^b Measurement from J. R. Shoemaker.

^c Flowing.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records) except as noted.

C-673-II-19, EAST END IRRIGATION COMPANY. MAP 6

Location and description—25 feet south of First Street, 80 feet west of East End Avenue, Pomona.
Reference point—Top of air line hole, 1.3 feet above ground.
Elevation of reference point—901, from U. S. G. S. topog. by J. R. Shoemaker.
Use—Irrigation.
Depth of well—455 feet.
Other numbers used—L. A. Co. F. C. D. No. 3274.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Aug. 12.....	157.3	1931— Jan. 31..... Dec. 2.....	162.6 *169.5		

* Measurement from Los Angeles County Flood Control District. Reference point—Base of pump, at ground.
 Measurements from J. R. Shoemaker except as noted.

C-678d-II-19, H. J. TUTTLE. MAP 6

Location and description—315 feet west of Hamilton Boulevard, 650 feet south of Phillips Boulevard, 10 feet west of State Street, Pomona.
Reference point—Bottom of pump base, 1.2 feet above ground.
Elevation of reference point—796, from U. S. G. S. topog. by J. R. Shoemaker.
Use—Domestic.
Depth of well—50 feet.
Diameter of casing—7 inches.
Other numbers used—L. A. Co. F. C. D. No. 3235E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Aug. 23.....	45.2	1931— Feb. 19..... Mar. 26..... May 8..... June 6.....	44.3 45.9 46.3 46.8		

Measurements from J. R. Shoemaker.

C-678k-II-19, PARK AVENUE WELL ASSOCIATION. MAP 6

Location and description—100 feet south of Phillips Boulevard, 360 feet east of Park Avenue, Pomona.
Reference point—Lower flange on pump head at air line, 0.3 feet above ground.
Elevation of reference point—807.8, from U. S. G. S. topog. by J. R. Shoemaker.
Use—Irrigation.
Depth of well—276 feet.
Diameter of casing—16 inches.
Other numbers used—L. A. Co. F. C. D. No. 3245A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Feb. 3..... Aug. 23.....	*88.6 b119.8	1931— Feb. 19..... Mar. 26..... May 8..... June 6..... Nov. 19.....	90.8 b108.4 92.7 96.1 *96.4		

* Measurement from Los Angeles County Flood Control District. Reference point—Floor of pump house, at ground.
 b Pumping.
 Measurements from J. R. Shoemaker except as noted.

C-681-H-19, MRS. SHEETS. MAP 6

Location and description—60 feet south of center line of Lexington Street, 315 feet east of center line of Reservoir Avenue, Pomona.

Reference point—Top edge of $\frac{3}{4}$ -inch hole in pump base, 0.2 feet above ground.

Elevation of reference point—810, from U. S. G. S. topog. by J. R. Shoemaker.

Use—Not used.

Depth of well—400 feet.

Other numbers used—L. A. Co. F. C. D. No. 3266G.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
Feb. 24.....	*74.4	Feb. 19.....	78.3	July 3.....	115.6
Aug. 22.....	112.4	Mar. 26.....	82.1	Sept. 25.....	90.2
		May 8.....	80.3	Oct. 23.....	89.5
		June 6.....	89.1	Dec. 19.....	84.0

* Measurement from Los Angeles County Flood Control District.

Measurements from J. R. Shoemaker except as noted.

C-682f-H-19, H. F. PRATT. MAP 6

Location and description—100 feet south of Philadelphia Avenue, 1373 feet east of Garey Avenue, Pomona.

Reference point—Bottom of pump base, 0.5 feet above ground.

Elevation of reference point—783, from U. S. G. S. topog. by J. R. Shoemaker.

Use—Domestic.

Depth of well—50 feet.

Diameter of casing—7 inches.

Other numbers used—L. A. Co. F. C. D. No. 3256K.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 17.....	*43.8	Feb. 19.....	^b 44.7		
Aug. 22.....	46.5	Mar. 26.....	45.9		
		May 8.....	46.1		
		June 6.....	46.2		
		July 3.....	47.7		

* Measurement from Los Angeles County Flood Control District.

^b Pumped recently.

Measurements from J. R. Shoemaker except as noted.

C-682p-I-19, MONROE THURMAN. MAP 6

Location and description—36 feet west of Reservoir Avenue, 78 feet south of Olive Avenue, Pomona.

Reference point—Top of casing, at ground.

Elevation of reference point—781, from U. S. G. S. topog. by J. R. Shoemaker.

Use—Not used.

Depth of well—250 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 3267C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
Feb. 17.....	*52.4	Feb. 19.....	53.6	June 6.....	65.1
April 23.....	*56.9	Mar. 26.....	57.4	July 3.....	87.2
Aug. 22.....	76.6	May 8.....	56.4	Nov. 19.....	*60.8
Nov. 26.....	*58.1				

* Measurement from Los Angeles County Flood Control District.

Measurements from J. R. Shoemaker except as noted.

C-683b-11-19, PHILLIPS ESTATE. MAP 6

Location and description—15 feet south of Lexington Avenue, 0.2 miles west of Garey Avenue, Pomona.

Reference point—Top of casing, at ground.

Elevation of reference point—785, from U. S. G. S. topog. by J. R. Shoemaker.

Use—Not used.

Depth of well—75 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 3246.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1926—		1931—	
Oct. 24.....	21 2	Mar. 29.....	30 6	Feb. 19.....	39 9
Nov. 28.....	31 4	May 7.....	27 5	May 8.....	40 0
		1930—		July 3.....	40 5
		Aug. 22.....	38 5		

Measurements from J. R. Shoemaker

C-700a-1-16, REX YORBA. MAP 5

Location and description—0.15 miles south of Valley Boulevard, and 150 feet east of private road, 0.95 miles west of Nogales Street, east of Puente. 75 feet north of C-700-1-16 (W. S. P. 468, No. 46).

Reference point—Top of casing, 0.2 feet above ground.

Elevation of reference point—410, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—70 feet.

Diameter of casing—6 inches.

Other numbers used—U. S. G. S. No. 46a, L. A. Co. F. C. D. No. 3099A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1929—		1930—	
Oct. 13.....	^a 48 4	Feb. 13.....	^a 24 8	Mar. 8.....	29 3
		Mar. 16.....	24 3	Sept. 27.....	43 6
1927—		April 18.....	^a 25 5	Dec. 29.....	48 0
Nov. 3.....	^a 46 2	July 5.....	30 7		
		Oct. 3.....	39 0	1931—	
1928—		Dec. 17.....	28 0	April 22.....	^b 31 2
Mar. 22.....	25 6			May 13.....	^b 28 5
May 23.....	^a 28 6			Nov. 25.....	^b 53 0
Oct. 23.....	42 3				
Nov. 19.....	^a 28 0				
Dec. 10.....	24 3				

^a Measurement from United States Geological Survey.

^b Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-701-H-17, MRS. SADIE G. ALLEN. MAP 5

Location and description—200 feet north of Currier Road, 75 feet east of Lemon Avenue, east of Puente.

Reference point—Top of casing, 1.8 feet above ground, to and including September 27, 1930, then, top of 1½-inch pipe, at ground.

Elevation of reference point—526.8 to and including September 27, 1930, then, 525 from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—89 feet.

Diameter of casing—12 inches

Other numbers used—W. S. P. 468, No. 47; D. W. R. Bulletins 5 and 6, No. 701-H-6; L. A. Co. F. C. D. No. 3149.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 11.....	31.3	Mar. 8.....	25.0	Feb. 23.....	25.6
Oct. 23.....	27.7	Aug. 14.....	34.5	April 1.....	28.6
Dec. 10.....	24.1	Sept. 27.....	34.2	Aug. 22.....	37.6
				Oct. 7.....	35.2
1929—				Dec. 12.....	31.6
Mar. 16.....	21.6				
April 6.....	21.4				
May 7.....	23.4				
Oct. 3.....	31.8				
Dec. 17.....	29.6				

Measurements from San Gabriel Valley Protective Association.

C-703-H-18, CECIL GEORGE RANCH. MAP 6

Location and description—200 feet north of Valley Boulevard and S. P. R. R. crossing, 1 mile west of Pomona city limits and 20 feet west of road, west of Pomona.

Reference point—Base of pump, at ground.

Elevation of reference point—771, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 703-I-5; L. A. Co. F. C. D. No. 3204.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 30.....	76.3	Mar. 8.....	96.5	Feb. 23.....	102.5
Dec. 10.....	87.0	Sept. 27.....	104.2	April 1.....	102.5
		Dec. 29.....	103.0	Oct. 7.....	109.2
1929—				Dec. 17.....	109.8
Mar. 16.....	86.2				
April 6.....	86.5				
May 7.....	93.2				
Dec. 17.....	98.5				

Measurements from San Gabriel Valley Protective Association.

C-703c-11-18, W. K. KELLOGG RANCH, MAP 6

Log Available

Location and description—25 feet west of Holt Avenue, 100 feet north of San Jose Creek, west of Pomona.

Reference point—Top of casing, at ground.

Elevation of reference point—765, from U. S. G. S. topog. by J. R. Shoemaker.

Use—Irrigation.

Depth of well—236 feet.

Other numbers used—L. A. Co. F. C. D. No. 3203.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Aug. 28.....	95 3	Feb. 19.....	93 8		
		Mar. 26.....	93 0		
		May 8.....	94 5		
		June 6.....	95 0		
		Nov. 30.....	*102 7		

* Measurement from Los Angeles County Flood Control District.
Measurements from J. R. Shoemaker except as noted.

C-704-H-18, S. E. HICKS. MAP 6

Location and description—700 feet northeast of Collins Street, 300 feet northwest of San Jose Creek, 0.4 miles northwest of Valley Boulevard, west of Pomona.

Reference point—Top of casing, 1 2 feet above ground, to and including April 25, 1929; then, bottom edge of pump base and top of concrete to and including May 23, 1929; then, top of pump base, 0 4 feet above ground.

Elevation of reference point—705 2 to and including April 25, 1929; then, 704 3 to and including May 23, 1929; then, 704 4, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—100 feet.

Diameter of casing—8 inches

Other numbers used—D. W. R. Bulletins 5 and 6, No. 704-I-5, L. A. Co. F. C. D. No. 3184.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Mar. 29.....	49 9	Mar. 16.....	58 4	Mar. 8.....	62 9
Oct. 23.....	57 8	April 25.....	58 7	Aug. 14.....	64 6
Dec. 10.....	58 4	May 23.....	58 3	Sept. 27.....	65 4
		June 26.....	59 1	Dec. 29.....	66 3
		July 5.....	59 4		
		Oct. 3.....	61 9	1931—	
		Dec. 17.....	62 6	Feb. 23.....	66 6
				Aug. 22.....	68 2
				Oct. 7.....	68 7
				Dec. 12.....	69 1

Measurements from San Gabriel Valley Protective Association.

C-704w-H-18, S. E. HICKS. MAP 6

Location and description—120 feet northwest of Valley Boulevard, 100 feet northeast of Collins Street, west of Pomona.

Reference point—Top of casing, 1.6 feet above ground.

Elevation of reference point—706, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—78 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 468, No. 48; L. A. Co. F. C. D. No. 3195M.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1904—		1910—		1920—	
Oct. 8.....	33.7	Feb. 2.....	27.3	May 12.....	26.2
Dec. 14.....	32.8	Aug. 9.....	28.9	Nov. 24.....	24.8
1905—		1911—		1921—	
Mar. 11.....	31.5	Jan. 4.....	26.7	May 27.....	24.8
June 22.....	32.6			July 22.....	35.2
Sept. 20.....	36.5	1912—		Sept. 13.....	37.7
Dec. 21.....	35.6	May 24.....	24.1	Oct. 21.....	32.9
		July 26.....	26.4		
1906—		1913—		1922—	
Mar. 15.....	35.4			Mar. 24.....	23.2
June 27.....	34.7	Oct. 19.....	30.7	May 25.....	27.7
Sept. 25.....	40.2			Aug. 9.....	36.9
Dec. 11.....	39.2	1914—		Oct. 12.....	36.0
		April 4.....	21.3		
1907—		June 4.....	22.8	1923—	
Feb. 12.....	34.8	Sept. 4.....	27.2	Mar. 8.....	28.6
May 16.....	31.2	Nov. 19.....	24.7	May 22.....	37.0
Aug. 26.....	34.5			Oct. 4.....	43.5
Dec. 30.....	32.5	1917—		1924—	
		May 26.....	17.7	Mar. 21.....	43.8
1908—				Oct. 21.....	52.5
April 21.....	31.9	1918—			
June 23.....	36.6	May 11.....	18.6	1925—	
Oct. 14.....	36.7	Oct. 14.....	21.4	Feb. 20.....	49.0
Dec. 27.....	36.8			Mar. 20.....	"
		1919—			
1909—		May 10.....	22.4		
April 5.....	30.4	Nov. 7.....	22.1		
July 10.....	31.9				
Oct. 13.....	31.8				

^a Pump installed.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records).

C-705-H-17, ANTONIO REYES. MAP 6

Location and description—150 feet southeast of Valley Boulevard, 1 mile west of S. P. R. R. crossing at Spadra, southwest of Pomona.

Reference point—Top of box over casing, 2.5 feet above ground, to and including March 30, 1928; then, top of casing, 2 feet above ground, to and including December 10, 1928; then, top of blocks, 0.3 feet above top of casing.

Elevation of reference point—642 to and including March 30, 1928; then, 641.5 to and including December 10, 1928; then, 641.8; from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—75 feet.

Diameter of casing—6 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 705-H-6; L. A. Co. F. C. D. No. 3176.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Mar. 30.....	18.4	Mar. 16.....	27.0	Mar. 8.....	38.7
Oct. 23.....	30.7	April 6.....	25.5	Aug. 14.....	45.6
Dec. 10.....	29.1	July 5.....	36.7	Sept. 27.....	46.0
		Oct. 3.....	39.5		
		Dec. 17.....	39.7	1931—	
				Aug. 22.....	50.4
				Dec. 12.....	49.6

Measurements from San Gabriel Valley Protective Association.

DIVISION OF WATER RESOURCES

C-705a-1-17, JACK STEARN. MAP 6

Location and description—25 feet northwest of Valley Boulevard, 500 feet east of Covina Road, southwest of Pomona.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—606.5, from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 3167A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Dec. 10.....	25.6	Mar. 8.....	30.8	Feb. 23.....	33.3
		Aug. 14.....	32.2	April 1.....	33.5
1929—		Sept. 27.....	33.1	Aug. 22.....	35.1
Oct. 3.....	29.9	Dec. 29.....	33.6	Oct. 7.....	35.8
Dec. 17.....	31.2			Dec. 12.....	35.4

Measurements from San Gabriel Valley Protective Association.

C-706-1-17, CURRIER RANCH. MAP 5

Location and description—2000 feet south of S. P. R. R. at crossing of Brea Canyon Road, 400 feet south of U. P. R. R., 100 feet east of road into ranch, east of Puente.

Reference point—Hole in side of casing, 1 foot above ground, to and including August 22, 1931; then, top of pump base, 1 foot above ground.

Elevation of reference point—579, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—96 feet.

Diameter of casing—10 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 706-11-6; L. A. Co. F. C. D. No. 3168.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 23.....	27.6	Mar. 8.....	27.6	Feb. 23.....	32.2
Dec. 10.....	23.9	Sept. 27.....	33.9	April 1.....	33.7
		Dec. 29.....	34.3	Aug. 22.....	38.8
1929—				Dec. 12.....	37.7
Mar. 16.....	21.4				
April 25.....	19.8				
Oct. 3.....	29.2				
Dec. 17.....	29.6				

Measurements from San Gabriel Valley Protective Association.

C-707-1-17, MR. FOSTER. MAP 5

Location and description—580 feet south of Valley Boulevard, 2000 feet east of Negales Street, east of Puente.

Reference point—Bottom of 1 beams under pump on top of concrete curb, at ground.

Elevation of reference point—455, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—48 feet.

Diameter of casing—10 inches.

Other numbers used—D. W. R. Bulletin 6, No. 707-G-6; L. A. Co. F. C. D. No. 3119.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 22.....	14.0	Mar. 8.....	14.0	Feb. 23.....	14.3
Oct. 23.....	14.5	Sept. 27.....	18.4	April 1.....	14.3
Dec. 10.....	14.0	Dec. 29.....	14.7	Aug. 22.....	18.9
				Oct. 7.....	19.4
1929—				Dec. 12.....	15.8
Mar. 16.....	13.7				
May 7.....	13.8				
July 5.....	15.3				
Dec. 17.....	14.0				

Measurements from San Gabriel Valley Protective Association.

C-708-I-15, JOSEPH FAURE. MAP 5

Location and description—50 feet east of Anaheim Road, 1000 feet south of Valley Boulevard, south-east of Puente.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—374, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—300 feet.

Diameter of casing—10 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 708-F-6; L. A. Co. F. C. D. No. 3079A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Mar. 22.....	34.9	Mar. 16.....	39.0	Mar. 8.....	42.4
Aug. 11.....	61.1	April 25.....	35.5		Destroyed
Oct. 23.....	49.8	May 7.....	37.3		
Dec. 10.....	44.5	July 5.....	70.8		
		Oct. 3.....	53.6		
		Dec. 17.....	48.5		

Measurements from San Gabriel Valley Protective Association.

C-708a-I-15, ROWLAND ESTATE. MAP 5

Location and description—1000 feet south of Valley Boulevard, 50 feet west of Anaheim Road, south-east of Puente.

Reference point—Bottom edge of steel I beams, at ground.

Elevation of reference point—373, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Other numbers used—L. A. Co. F. C. D. No. 3079.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Aug. 14.....	75.2	Feb. 23.....	46.3		
Sept. 27.....	56.0	April 1.....	46.7		
Dec. 29.....	49.3	Aug. 22.....	85.7		
		Oct. 7.....	71.0		
		Dec. 17.....	59.0		

Measurements from San Gabriel Valley Protective Association.

C-709-I-16, LOUIS H. DIDIER. MAP 5

Location and description—200 feet south of Valley Boulevard, 0.4 miles east of Pass and Covina Road, southeast of Puente.

Reference point—Top of pit wall, 0.5 feet above ground.

Elevation of reference point—385 from U. S. G. S. topog. by D. W. R.

Use—Irrigation and domestic.

Depth of well—150 feet.

Diameter of casing—14 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 709-G-6; L. A. Co. F. C. D. No. 3089.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1929—		1930—	
Aug. 21.....	38.7	Mar. 16.....	21.6	Mar. 8.....	31.9
		April 6.....	21.3	Dec. 29.....	43.9
1928—		Oct. 3.....	35.1		
Oct. 23.....	37.5	Dec. 17.....	36.5	1931—	
Dec. 10.....	36.0			Dec. 17.....	52.1

Measurements from San Gabriel Valley Protective Association.

C-712-J-16, FRANK GRAZIDE AND D. PILARIO. MAP 5

Location and description—700 feet south of Graziade Road, 0.4 miles west of Nogales Street, south-east of Puente. North one of three wells. 30-foot pit.

Reference point—Top of pit wall, 0.5 feet above ground.

Elevation of reference point—490, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—110 feet.

Diameter of casing—12 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 712-G-7; L. A. Co. F. C. D. No. 1801.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1929—		1930—	
Sept. 22.....	40.3	Mar. 16.....	35.4	Mar. 8.....	37.9
1928—		April 6.....	34.9	Dec. 29.....	38.6
Mar. 21.....	33.3	Oct. 3.....	38.9		
Oct. 23.....	35.7	Dec. 17.....	38.0	1931—	
Dec. 10.....	35.4			April 1.....	37.9
				Aug. 22.....	41.3
				Dec. 17.....	40.7

Measurements from San Gabriel Valley Protective Association.

C-713-I-16, NINA R. ROWLAND. MAP 5

Location and description—40 feet south of Depot Street, 30 feet west of Walnut Street, 165 feet south of U. P. R. R., southeast of Puente.

Reference point—Top of casing, 2 feet above ground.

Elevation of reference point—504, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—16 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 713-F-6; L. A. Co. F. C. D. No. 1770

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1929—		1930—	
Sept. 22.....	58.0	Mar. 16.....	58.7	Mar. 8.....	61.0
1928—		April 6.....	57.9	Aug. 14.....	61.8
Mar. 22.....	57.3	July 5.....	58.7	Dec. 29.....	64.4
Aug. 11.....	59.4	Oct. 3.....	62.4		
Oct. 23.....	61.2	Dec. 17.....	62.4	1931—	
Dec. 10.....	60.7			April 1.....	63.7
				Aug. 22.....	67.0
				Oct. 7.....	68.0

Measurements from San Gabriel Valley Protective Association.

C-714-J-15, S. W. HOAG. MAP 5

Location and description—450 feet south of La Subida Drive, 800 feet west of Hacienda Boulevard, south of Puente.

Reference point—Floor of pump house, at ground.

Elevation of reference point—467, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—900 feet.

Diameter of casing—24 inches.

Other numbers used—D. W. R. Bulletin 5, No. 714-F-6; L. A. Co. F. C. D. No. 1721.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1929—		1931—	
Aug. 22.....	10.5	July 5.....	8.2	April 20.....	*10.4
1928—		Oct. 3.....	8.6	May 19.....	*9.7
Mar. 22.....	6.8	1930—			
Aug. 11.....	6.9	Mar. 8.....	8.7		
Oct. 23.....	6.9	June 9.....	*9.1		
Dec. 10.....	6.8	Dec. 9.....	*9.8		

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-801a-I-13, CITY OF WHITTIER, NO. 4. MAP 5

Log Available

Location and description—500 feet south of Whittier Boulevard, 300 feet west of Guirado Road, northwest of Whittier. South of No. 3.

Reference point—Top of steel casing, 2.5 feet above ground, to and including December 17, 1929; then, top of platform over well, 0.2 feet above top of casing.

Elevation of reference point—176.5 to and including December 17, 1929; then, 176.7, from levels by owner.

Use—Not used.

Depth of well—235 feet.

Diameter of casing—26 inches.

Other numbers used—L. A. Co. F. C. D. No. 1620D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 30.....	48.6	Feb. 17.....	46.4	Feb. 2.....	59.4
Oct. 6.....	49.5	Mar. 27.....	48.6	Mar. 20.....	56.2
Oct. 26.....	46.7	April 17.....	51.1	May 4.....	55.2
		Oct. 27.....	62.5	July 13.....	69.1
1929—		Dec. 26.....	59.4	Oct. 26.....	70.7
June 12.....	48.9			Nov. 24.....	65.9
July 22.....	57.9				
Sept. 10.....	60.5			1932—	
Oct. 9.....	52.4			Jan. 13.....	58.8
Dec. 17.....	56.1				

Measurements from San Gabriel Valley Protective Association.

C-803g-I-12, LYCON BROTHERS. MAP 2

Location and description—100 feet south of U. P. R. R., 100 feet east of Lexington-Gallatin Road, east of Montebello.

Reference point—Top of casing, 2.0 feet above ground.

Elevation of reference point—183, from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Depth of well—81 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 2919B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 26.....	32.2	Jan. 2.....	39.1	Jan. 14.....	42.4
1929—		April 17.....	32.6	Mar. 26.....	39.1
May 28.....	27.0	June 26.....	36.3	April 16.....	41.0
Aug. 2.....	33.2	Aug. 7.....	39.9	May 28.....	40.4
Sept. 30.....	36.6	Sept. 25.....	42.2	July 23.....	45.1
Nov. 11.....	38.1	Dec. 24.....	42.9	Sept. 3.....	48.2
				Nov. 11.....	50.0
				Dec. 23.....	47.7

Measurements from San Gabriel Valley Protective Association.

C-803r-I-12, MONTEBELLO LAND AND WATER COMPANY, NO. 7. MAP 2

Log Available

Location and description—50 feet west from edge of bluff of Rio Hondo, 30 feet south of Washington Street, 650 feet east of Poplar Avenue, Montebello.

Reference point—Bottom edge of pump base, at ground

Elevation of reference point—211, from U. S. G. S. topog. by S. G. V. P. A.

Use—Irrigation and domestic.

Depth of well—900 feet

Diameter of casing—20 inches.

Other numbers used—L. A. Co. F. C. D. No. 2908.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
June 18.....	63.7	Jan. 21.....	*59.3	Feb. 23.....	64.6
Aug. 31.....	69.3	Mar. 5.....	60.9	April 1.....	71.6
Oct. 9.....	70.2	April 26.....	*62.8	May 4.....	66.5
Dec. 16.....	71.1	July 25.....	70.7	July 13.....	77.1
		Oct. 27.....	73.8	Dec. 3.....	75.5
		Dec. 16.....	71.8		
				1932—	
				Jan. 13.....	70.0

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-803w-I-13, CATE DITCH WATER COMPANY. MAP 5

Log Available

Location and description—0.55 miles east of Durfee Avenue, 1.3 miles north of Beverly Boulevard, northwest of Whittier 30 feet north of Cate Ditch

Reference point—Bottom edge of iron clamp holding air and oil lines, 0.05 feet above concrete floor, 0.3 feet above ground.

Elevation of reference point—203, from U. S. G. S. topog. by S. G. V. P. A.

Use—Irrigation.

Depth of well—412 feet.

Diameter of casing—18 inches.

Other numbers used—L. A. Co. F. C. D. No. 2948.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
June 18.....	8.1	Feb. 23.....	7.7	Jan. 13.....	8.3
July 6.....	9.5	May 4.....	8.2		
Aug. 19.....	8.7	Aug. 3.....	11.5		
Oct. 9.....	8.1	Sept. 30.....	10.1		
Dec. 16.....	8.0	Dec. 3.....	9.0		
1930—					
Mar. 5.....	7.6				

Measurements from San Gabriel Valley Protective Association.

C-804 I-I-13, STANDEFER DITCH COMPANY. MAP 5

Log Available

Location and description—500 feet north of Beverly Boulevard, 1500 feet east of Durfee Road, 15 feet east of Standfer Ditch, northwest of Whittier.

Reference point—Bottom of pump base which rests on steel I beams, 0.7 feet below ground.

Elevation of reference point—185, from U. S. G. S. topog. by S. G. V. P. A.

Use—Irrigation.

Depth of well—605 feet.

Diameter of casing—24 inches.

Other numbers used—L. A. Co. F. C. D. No. 2929A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1932—	
Aug. 30.	27.7	Mar. 5.	19.8	Jan. 13.	27.1
Nov. 26.	18.1	Sept. 24.	27.0		
1929—		1931—			
April 24.	14.2	Feb. 21.	22.9		
June 6.	15.0	May 4.	25.6		
Aug. 22.	22.0	Dec. 3.	32.6		
Oct. 9.	22.1				
Dec. 16.	23.5				

Measurements from San Gabriel Valley Protective Association.

C-804p-I-13, HARRY EMERY. MAP 6

Location and description—2000 feet north of Mission Mill Road, 2250 feet west of U. P. R. R., south of El Monte.

Reference point—Top of concrete curb, east side, 2.0 feet above ground.

Elevation of reference point—224, from U. S. G. S. topog. by S. G. V. P. A.

Use—Irrigation.

Depth of well—300 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2957G.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
June 4.	^a 8.2	Mar. 5.	5.2	Feb. 23.	5.3
July 31.	5.4	Sept. 24.	5.7	April 1.	5.8
Aug. 19.	8.2	Oct. 25.	^a 9.7	May 4.	5.5
Sept. 9.	5.3	Dec. 16.	5.6	Sept. 30.	6.3
Dec. 16.	5.5			Nov. 9.	6.5
				Dec. 3.	6.1
				1932—	
				Jan. 13.	5.8

^a Pumping.

Measurements from San Gabriel Valley Protective Association.

C-804q-I-13, MR. HAMBURG. MAP 5

Location and description—100 feet south of Mission-Mill Road, 50 feet east of Workman Mill Road, northwest of Whittier.

Reference point—Lower edge of pump head flange resting on base at oil line, 0.5 feet above ground.

Elevation of reference point—230.5, from U. S. G. S. topog. by S. G. V. P. A.

Use—Irrigation.

Depth of well—90 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 2958D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
June 31.....	27.3	Mar. 5.....	26.0	Feb. 23.....	26.2
Aug. 31.....	28.0	July 25.....	27.6	May 4.....	27.2
Oct. 9.....	26.4	Sept. 24.....	27.0	Oct. 26.....	27.8
		Dec. 16.....	26.7	Dec. 3.....	27.3
				1932—	
				Jan. 13.....	26.7

Measurements from San Gabriel Valley Protective Association.

C-804t-I-13, PICO COUNTY WATER DISTRICT, NO. 1. MAP 5

Log Available

Location and description—1000 feet north of Whittier Boulevard, 60 feet west of Church Street, northwest of Whittier.

Reference point—Bottom edge of small iron clamp holding air line, about 0.2 feet above ground, to and including March 5, 1930, then, lower edge of pump base, 0.3 feet above concrete floor and 0.5 feet above ground.

Elevation of reference point—181.2 to and including March 5, 1930; then, 181.5 from U. S. G. S. topog. by S. G. V. P. A.

Use—Municipal.

Depth of well—435 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 2929D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
July 31.....	34.8	Feb. 2.....	41.0	Jan. 13.....	44.5
Sept. 10.....	37.7	Feb. 21.....	39.6		
Dec. 16.....	39.8	April 1.....	41.3		
		May 4.....	42.4		
1930—		July 13.....	47.1		
Mar. 5.....	34.9	Oct. 26.....	52.6		
July 25.....	42.2	Dec. 3.....	50.8		
Oct. 27.....	44.6				
Dec. 16.....	44.4				

Measurements from San Gabriel Valley Protective Association.

C-806-I-12, JOHN GERMAINE. MAP 2

Location and description—0.5 miles easterly from Poplar Avenue and 100 feet east of Lincoln Avenue, Montebello.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—195.5, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—60 feet.

Diameter of casing—6 inches.

Other numbers used—D. W. R. Bulletin 6, No. 806-C-6; L. A. Co. F. C. D. No. 2917.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 16.....	19.4	Jan. 18.....	20.9	Feb. 5.....	18.6
Oct. 13.....	19.3	Mar. 18.....	20.4	April 20.....	24.0
		May 19.....	20.7	May 22.....	18.7
1929—		Aug. 29.....	23.9	July 27.....	25.7
April 24.....	19.1	Oct. 10.....	23.2	Oct. 15.....	31.0
May 27.....	19.6	Dec. 29.....	21.9	Dec. 16.....	31.8
Aug. 10.....	23.4				
Sept. 27.....	21.1			1932—	
Dec. 17.....	21.8			Jan. 21.....	27.7

Measurements from San Gabriel Valley Protective Association.

C-807-I-12, R. FRITZ. MAP 2

Location and description—100 feet west of First Street (Bluff Road), 400 feet south of U. P. R. R., 0.4 miles south of Whittier Boulevard, Montebello.

Reference point—Top of boards over casing, 2.0 feet above ground.

Elevation of reference point—212, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 807-C-6, L. A. Co. F. C. D. No. 2899.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 16.....	75.1	Jan. 18.....	78.6	Feb. 19.....	83.6
Oct. 13.....	78.1	Mar. 28.....	74.6	April 20.....	89.2
Nov. 28.....	75.4	June 16.....	81.7	May 12.....	86.0
		Aug. 5.....	88.6	June 24.....	88.2
1929—		Oct. 18.....	86.9	Aug. 25.....	97.5
April 24.....	63.1	Dec. 29.....	84.7	Nov. 10.....	98.1
July 5.....	76.3			Dec. 29.....	94.3
Oct. 9.....	83.5				
Dec. 20.....	85.7				

Measurements from San Gabriel Valley Protective Association.

C-808-I-12, ERNEST UREGUAIRE. MAP 2

Location and description—100 feet south of U. P. R. R., 100 feet west of Maple Avenue, Montebello.

Reference point—Top of casing, at ground.

Elevation of reference point—191, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—90 feet.

Diameter of casing—6 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 808-C-6; L. A. Co. F. C. D. No. 2889A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1931—		1932—	
Aug. 16.....	62.8	Mar. 10.....	78.6	Jan. 21.....	85.4
Oct. 13.....	65.8	April 20.....	79.6		
		July 27.....	85.3		
1929—		Aug. 14.....	82.2		
April 24.....	60.9	Nov. 16.....	86.6		
July 5.....	65.0	Dec. 16.....	87.7		
Oct. 23.....	71.4				
Dec. 17.....	72.9				

Measurements from San Gabriel Valley Protective Association.

C-808c-I-12, J. H. DUTCHER. MAP 2

Location and description—250 feet north of Beach Street, 1500 feet east of Greenwood Avenue, Montebello.

Reference point—Top of wooden box under steel clamp, 1 6 feet above ground

Elevation of reference point—202, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Diameter of casing—5 inches

Other numbers used—L. A. Co. F. C. D. No. 1580F.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 7.	74.2	April 25.	*78.0	Mar. 10.	86.9
		Dec. 2.	*90.7	April 10.	75.0
1929—				May 23.	76.3
Aug. 10.	*77.8			July 17.	92.2
				Sept. 15.	96.3
				Oct. 16.	98.7
				Dec. 16.	96.8

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-810-I-11, J. D. BICKEL ESTATE. MAP 2

Log Available

Location and description—0.2 miles south of Beverly Boulevard, 0.12 miles east of Findlay Avenue and midway between San Clemente Street and Brady Avenue, Montebello.

Reference point—Top of blocks over casing, 1 foot above ground.

Elevation of reference point—217.9, from levels by D. W. R.

Use—Domestic.

Depth of well—299 feet

Diameter of casing—10 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 810-B-6; L. A. Co. F. C. D. No. 2867.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
July 9.	103.4	Jan. 21.	*108.7	Feb. 26.	112.3
Sept. 26.	106.9	April 24.	*109.8	April 16.	112.8
Nov. 27.	*112.1	Nov. 26.	*110.8	June 4.	113.3
				Aug. 6.	114.3
				Sept. 24.	115.1
				Nov. 18.	116.0
				Dec. 23.	116.8

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-812-I-11, ROSS VAIL COMPANY. MAP 2

Location and description—50 feet northeast of Telegraph Road, 0.2 miles northwest of Washington Boulevard intersection, 0.8 miles northwest of A. T. & S. F. Ry., at Bandini Station, southwest of Montebello.

Reference point—Top of board over casing at ground.

Elevation of reference point—147, from U. S. G. S. topog. by D. W. R.

Use—Stock.

Depth of well—400 feet.

Diameter of casing—12 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 812-B-6; L. A. Co. F. C. D. No. 1550.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 17.	41.4	Feb. 12.	45.1	Feb. 11.	54.8
Oct. 3.	42.7	May 23.	48.2	April 20.	52.6
Dec. 10.	38.3	July 9.	51.3	June 17.	55.3
		Oct. 22.	58.5	July 27.	60.4
1929—		Dec. 29.	53.9	Sept. 11.	62.5
Jan. 8.	37.2			Oct. 23.	70.8
April 24.	36.8			Dec. 23.	55.3
June 29.	43.7				
Aug. 27.	53.1				
Oct. 23.	44.0				
Dec. 20.	48.8				

Measurements from San Gabriel Valley Protective Association.

C-813-J-12, C. W. ANDERSON. MAP 2

Location and description—0.18 miles west of San Gabriel Boulevard, 200 feet north of Main Street, Rivera.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—153, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—64 feet.

Diameter of casing—6 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 813-C-7; L. A. Co. F. C. D. No. 1592.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—Cont.	
Aug. 16.	33.0	Mar. 18.	43.0	June 4.	51.5
Nov. 24.	35.7	June 9.	43.4	Aug. 11.	52.0
		Sept. 23.	50.1	Oct. 19.	57.3
1929—		Nov. 21.	51.8	Nov. 17.	58.0
April 24.	33.3				
Aug. 10.	39.4	1931—		1932—	
Oct. 23.	42.3	Jan. 8.	47.7	Jan. 7.	53.1
Dec. 20.	43.7	Feb. 6.	47.4		
		Mar. 4.	52.4		

Measurements from San Gabriel Valley Protective Association.

C-814-F-13, A. DUFFILL. MAP 2

Location and description—100 feet east of Passons Boulevard, 0 3 miles south of Whittier Boulevard, west of Whittier.

Reference point—Top of blocks over casing, 2 feet above ground.

Elevation of reference point—178, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—84 feet.

Diameter of casing—7 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 814-D-6, W. S. P. 138, No. 2869, Downcy; L. A. Co. F. C. D. No. 1620.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 16.....	39.2	Jan. 18.....	48.3	Feb. 19.....	54.7
Oct. 13.....	41.6	April 19.....	45.1	April 21.....	58.7
Nov. 28.....	41.0	June 7.....	51.0	June 25.....	60.6
		Sept. 26.....	57.4	Aug. 11.....	62.5
1929—		Nov. 26.....	58.6	Oct. 12.....	65.1
April 24.....	35.0	Dec. 29.....	55.8	Nov. 23.....	65.4
July 5.....	42.3				
Sept. 23.....	48.9			1932—	
Nov. 15.....	51.9			Jan. 8.....	61.7

Measurements from San Gabriel Valley Protective Association.

C-819-J-13, H. F. RIENIETS. MAP 5

Location and description—50 feet south of Mulberry Street, 300 feet east of Laurel Avenue, south of Whittier. Open casing on north side of tank house.

Reference point—Top of casing, 1.5 feet above ground, to and including June 22, 1929, then, top of 3 x 4 timber in southeast corner of curb, 2.9 feet above ground.

Elevation of reference point—151.5 to and including June 22, 1929; then, 152.9, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—50 feet.

Diameter of casing—8 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 819-D-7; L. A. Co. F. C. D. No. 1664.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Aug. 16.....	13.6	April 24.....	11.1	Sept. 21.....	23.7
Nov. 7.....	13.7	June 22.....	14.1		

Measurements from San Gabriel Valley Protective Association.

C-825-J-12, A. O. HOUGHTON. MAP 2

Location and description—80 feet south of Anaheim-Telegraph Road, 150 feet east of Orr and Day Road, west of Santa Fe Springs. North of tank house.

Reference point—Top of block over casing, 1 foot above ground.

Elevation of reference point—137, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—48 feet.

Diameter of casing—10 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 825-C-7; L. A. Co. F. C. D. No. 1615C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 16.....	25.1	Jan. 18.....	34.0	Jan. 8.....	46.3
Oct. 12.....	27.3	Mar. 28.....	36.5	Feb. 24.....	44.8
Nov. 7.....	29.9	May 7.....	36.2		
Dec. 10.....	28.5	July 22.....	36.9		
		Sept. 15.....	39.2		
1929—		Nov. 12.....	43.5		
April 24.....	28.0	Dec. 29.....	46.8		
May 2.....	27.9				
Aug. 10.....	33.1				
Oct. 29.....	36.1				
Dec. 20.....	37.0				

Measurements from San Gabriel Valley Protective Association.

C-825g-J-12, A. O. HOUGHTON. MAP 2

Location and description—86 feet south of Anaheim-Telegraph Road, 156 feet east of Orr and Day Road, west of Santa Fe Springs. East of tank house.

Reference point—Top of concrete block around casing, 1 foot above ground.

Elevation of reference point—137, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—195 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 1615M.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Nov. 25.....	43.8	Mar. 2.....	42.9		
		April 28.....	44.8		
		Nov. 25.....	49.3		

* Measurements from San Gabriel Valley Protective Association.

Measurements from Los Angeles County Flood Control District except as noted.

C-827-J-12, D. W. STANDLEE. MAP 2

Location and description—120 feet southwest of Anaheim-Telegraph Road, 180 feet southeast of Lexington-Gallatin Road, south of Rivera.

Reference point—Top of packing head casing under bolted clamp, 0.4 feet above concrete floor, 0.5 feet above ground.

Elevation of reference point—143.2, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—73 feet.

Diameter of casing—4 inches.

Other numbers used—W. S. P. 138, No. 2793, Downey; D. W. R. Bulletins 5 and 6, No. 827-C-7; L. A. Co. F. C. D. No. 1593.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 16.....	25.8	Jan. 7.....	36.4	Feb. 23.....	43.0
Oct. 23.....	28.1	Mar. 24.....	36.1	April 20.....	44.0
Dec. 10.....	28.6	June 23.....	37.2	July 23.....	46.1
		Oct. 13.....	41.8	Sept. 17.....	47.9
1929—		Dec. 22.....	43.4	Dec. 22.....	49.6
April 24.....	28.3			1932—	
July 5.....	30.3			Jan. 20.....	49.2
Oct. 29.....	35.0				
Dec. 30.....	36.3				

Measurements from San Gabriel Valley Protective Association.

C-828-J-12, MRS. A. E. GRAHAM. MAP 2

* **Location and description**—300 feet east of Downey Avenue, 0.21 miles south of Clara Street (12th Street), 0.2 miles north of Seventh Street, Downey.

Reference point—Top of blocks over casing, 1.5 feet above ground.

Elevation of reference point—129, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—100 feet.

Diameter of casing—4 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 828-C-7, L. A. Co. F. C. D. No. 1575-A

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 17.....	29.6	Jan. 18.....	33.5	Jan. 19.....	38.6
Oct. 12.....	30.0	Mar. 6.....	33.1	Mar. 2.....	32.1
Dec. 20.....	28.0	June 9.....	36.1	May 4.....	40.7
		July 14.....	34.0	July 9.....	43.6
1929—		Sept. 27.....	37.5	Sept. 3.....	45.7
April 25.....	28.0	Nov. 26.....	42.2	Oct. 14.....	47.7
May 28.....	31.0			Dec. 9.....	44.8
July 6.....	32.3				
Sept. 13.....	33.9				
Nov. 27.....	35.2				

Measurements from San Gabriel Valley Protective Association.

C-829j-J-11, L. W. JORDAN. MAP 2

Location and description—125 feet north of Clara Street, 2200 feet east of Rio Hondo River, 0.17 miles east of Old River School Road, Downey

Reference point—Top of casing under tin cover, 0.7 feet above ground

Elevation of reference point—127.7, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—90 feet

Diameter of casing—8 inches

Other numbers used—L. A. Co. F. C. D. No. 1564.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
April 11.	24.4	Jan. 22.	30.6	April 18.	39.1
June 13.	29.2	April 30.	32.1	May 13.	38.6
Sept. 6.	31.5			Nov. 30.	42.3
Nov. 17.	32.4				

Measurements from Los Angeles County Flood Control District.

C-830k-I-12, J. C. S. RIGGS. MAP 2

Location and description—400 feet south of Date Street, 125 feet west of Greenwood Avenue, south of Montebello.

Reference point—(a) Top of wood blocks over casing, 1.5 feet above ground; (b) Top of casing, 1 foot above ground

Elevation of reference point—(a) 182, (b)^a 181.5, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—107 feet

Diameter of casing—5 inches

Other numbers used—L. A. Co. F. C. D. No. 1570.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 10.	^a 61.2	April 25.	^b 67.7	Mar. 10.	^a 75.1
		Nov. 26.	^b 77.4	May 16.	^a 77.5
1929—				July 10.	^a 78.9
Aug. 7.	^b 64.3			Sept. 11.	^a 82.6
				Oct. 9.	^a 88.6
				Dec. 23.	^a 82.9

^a Measurements from San Gabriel Valley Protective Association. Reference point (a) used.

^b Measurements from Los Angeles County Flood Control District. Reference point (b) used.

C-832-J-11, H. J. ANGELL. MAP 2

Log Available

Location and description—0.2 miles south of A. T. & S. F. Ry., at Bandini Station, 30 feet west* of Compton-Jaboneria Road, southwest of Montebello.

Reference point—Hole in pump base, 1 foot above ground.

Elevation of reference point—153.7, from levels by D. W. R.

Use—Irrigation.

Depth of well—414 feet

Diameter of casing—12 inches

Other numbers used—D. W. R. Bulletins 5 and 6, No. 832-B-7; L. A. Co. F. C. D. No. 1561

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 17.	48.5	Jan. 7.	55.5	Jan. 15.	60.4
Sept. 10.	49.8	Feb. 12.	53.7	April 15.	52.8
Dec. 10.	47.1	May 2.	54.2	June 12.	58.7
		Aug. 9.	58.3	Aug. 19.	62.3
1929—		Oct. 28.	64.5	Oct. 12.	63.5
Jan. 8.	46.4	Dec. 22.	59.9	Nov. 12.	68.2
April 24.	45.2			Dec. 17.	62.8
July 5.	50.9				
Nov. 6.	56.4				

Measurements from San Gabriel Valley Protective Association.

C-833-J-11, HENRY REICH. MAP 2

Log Available

Location and description—150 feet south of intersection of Compton and Jaboneria Road and Gage Avenue, southwest of Montebello.

Reference point—Bottom edge of pump base on south side at top of beams, 0.5 feet below ground.

Elevation of reference point—133, from U. S. G. S. topog. by D. W. R.

Use—Irrigation and domestic.

Depth of well—362 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 2, Downey Quad.; D. W. R. Bulletins 5 and 6, No. 833-B-7; L. A. Co. F. C. D. No. 1532.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
May 23.....	^a 28 8	Jan. 7.....	41.1	Feb. 16.....	43 9
Oct. 19.....	^a 37 9	Mar. 24.....	38.0	May 13.....	^b 49 5
Dec. 12.....	^a 32 2	May 26.....	41.9	Nov. 30.....	^b 51.2
		July 28.....	46.3		
1929—		Sept. 15.....	49.4		
Feb. 14.....	^a b30 3	Nov. 10.....	49.9		
April 11.....	^a b30.2	Dec. 22.....	46.8		
June 3.....	^a b35.2				
July 9.....	^a 38 1				
Nov. 19.....	43.6				
Dec. 30.....	41.8				

^a Measurement from United States Geological Survey.

^b Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-834c-J-11, H. KAUFMAN. MAP 2

Location and description—150 feet south of Clara Street, 500 feet west of Compton-Jaboneria Road, southeast of Bell.

Reference point—Top of platform over well, 2.1 feet above ground, to and including February 19, 1931; then, top of 10-inch pipe, 1.7 feet above ground.

Elevation of reference point—119, to and including February 19, 1931; then, 118.6; from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 1533E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Oct. 29.....	^a 28 3	Mar. 27.....	26.8	Feb. 19.....	31.1
Dec. 28.....	29.2	May 1.....	29.5	April 16.....	35.3
		Aug. 28.....	35.5	June 18.....	36.0
		Oct. 2.....	35.3	Nov. 30.....	^a 37.1
		Dec. 24.....	32.7		

^a Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-845a-K-13, THE TEXAS COMPANY—WICKMAN WELL. MAP 5

Location and description—150 feet south of Telegraph Road, 0.23 miles east of A. T. & S. F. Ry., Santa Fe Springs.

Reference point—Top of casing, 1.1 feet above ground.

Elevation of reference point—161.1, estimate of S. G. V. P. A.

Use—Industrial.

Diameter of casing—7 inches.

Other numbers used—L. A. Co. F. C. D. No. 1645C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
May 27.....	43.5	Jan. 7.....	48.9	Jan. 15.....	51.6
July 8.....	43.5	Mar. 24.....	46.6	April 20.....	52.4
Aug. 17.....	46.7	May 2.....	46.9	June 25.....	53.1
Nov. 12.....	47.3	July 28.....	48.6	Aug. 20.....	54.9
		Oct. 28.....	50.6	Oct. 1.....	55.6
		Dec. 22.....	51.3	Nov. 22.....	56.0
				1932—	
				Jan. 20.....	55.8

Measurements from San Gabriel Valley Protective Association.

C-848-K-12, G. H. PANBORN. MAP 2

Location and description—900 feet east of Woodruff Avenue, 20 feet south of Norwalk Road, southeast of Downey.

Reference point—Top of casing in bottom of pit, 5.0 feet below ground, to and including April 1, 1930, then, top of 2 x 4 platform, 4.5 feet below ground.

Elevation of reference point—106 to and including April 1, 1930, then, 106.5, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—83 feet.

Diameter of casing—12 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 848-C-8; L. A. Co. F. C. D. No. 1586.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 17.....	23.2	Feb. 12.....	19.1	Jan. 14.....	25.3
Oct. 12.....	21.6	May 1.....	23.6	Feb. 19.....	24.5
Dec. 20.....	16.9	Aug. 28.....	30.6	April 16.....	31.0
		Nov. 13.....	28.8	June 11.....	31.7
1929—				Aug. 27.....	37.5
April 25.....	17.9			Oct. 22.....	33.7
June 7.....	24.6			Dec. 24.....	30.3
Aug. 28.....	24.9				
Nov. 16.....	22.9				

Measurements from San Gabriel Valley Protective Association.

C-850v-K-12, PIONEER INVESTMENT COMPANY. MAP 2

Location and description—400 feet east of Studebaker Road, 500 feet south of Little Lake Road, southwest of Santa Fe Springs.

Reference point—Pump base, at ground.

Elevation of reference point—120, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic and irrigation.

Depth of well—291 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 1606Q.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
April 23.....	32.0	April 27.....	39.3		
Nov. 25.....	41.3	Dec. 8.....	42.8		

Measurements from Los Angeles County Flood Control District.

C-851-K-12, L. L. BURKE. MAP 2

Location and description—200 feet east of S. P. R. R. crossing, 600 feet west of Orr and Day Road, 50 feet south of Imperial Highway, northwest of Norwalk. No pit.

Reference point—Top of casing, 2.0 feet above ground.

Elevation of reference point—104, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Diameter of casing—5 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 851-C-8; L. A. Co. F. C. D. No. 1608H.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 17.....	29.5	Mar. 21.....	23.6	Jan. 14.....	26.7
Oct. 12.....	27.7	June 9.....	32.6	Feb. 19.....	31.3
Dec. 20.....	20.2	Aug. 30.....	37.7		
		Nov. 8.....	34.6		
1929—					
April 25.....	21.7				
June 5.....	28.4				
Sept. 9.....	32.5				
Dec. 21.....	26.2				

Measurements from San Gabriel Valley Protective Association.

C-851k-K-12, D. J. WILLIAMS. MAP 2

Location and description—200 feet north of Imperial Highway, 450 feet west of Day and Orr Road, southwest of Santa Fe Springs.

Reference point—Top of casing, at ground.

Elevation of reference point—103, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 1608I.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 21.....	23.6	April 27.....	33.6		
April 22.....	28.2	Dec. 7.....	32.9		
Nov. 24.....	32.8				

Measurements from Los Angeles County Flood Control District.

C-852-K-13, L. POYORENA. MAP 5

Location and description—200 feet east of Fourth Street, 75 feet north of Broadway, Norwalk.

Reference point—Top of casing, 0.2 feet above ground.

Elevation of reference point—98.5, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—4 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 852-D-8; L. A. Co. F. C. D. No. 1629.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
April 18.....	21.9	Jan. 9.....	31.4	Jan. 30.....	34.5
June 15.....	30.6	Feb. 6.....	35.7		
Aug. 29.....	34.6	Mar. 2.....	31.9		
Sept. 14.....	33.5	April 20.....	42.0		
Nov. 4.....	30.9	May 4.....	35.3		
		June 4.....	40.8		
1930—		Aug. 6.....	46.8		
Jan. 18.....	25.9	Sept. 3.....	47.3		
Mar. 19.....	25.4	Oct. 1.....	43.6		
May 15.....	32.7	Dec. 9.....	35.8		
July 18.....	39.2				
Aug. 9.....	33.8				
Sept. 5.....	43.5				
Nov. 22.....	37.9				

Measurements from San Gabriel Valley Protective Association.

16—93350

C-853-K-13, JOHN PADDISON. MAP 5

Location and description—300 feet west of Norwalk-Puente Mills Road, 0.2 miles north of Santa Gertrudes Road, north of Norwalk.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—110 from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—250 feet.

Diameter of casing—12 inches.

Other numbers used—W. S. P. 138, No. 2115, Downey; D. W. R. Bulletins 5 and 6, No. 853-D-8; L. A. Co F. C. D. No. 1627.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 17.....	33.5	Mar. 4.....	31.7	Jan. 14.....	37.7
Oct. 12.....	29.7	May 10.....	34.1	Feb. 16.....	36.9
Nov. 7.....	31.2	June 17.....	40.4	May 4.....	40.0
Dec. 20.....	26.6	Aug. 12.....	44.0	June 11.....	45.3
		Oct. 13.....	42.6	Aug. 20.....	53.2
1929—		Dec. 8.....	40.4	Oct. 1.....	49.7
May 2.....	28.7			Dec. 9.....	43.3
June 29.....	34.8				
Aug. 1.....	36.7			1932—	
Sept. 6.....	38.2			Jan. 5.....	42.0
Oct. 9.....	35.6				
Dec. 3.....	34.9				

Measurements from San Gabriel Valley Protective Association.

C-853a-K-13, STATE OF CALIFORNIA NORWALK HOSPITAL—SWITCH TRACK WELL.
MAP 5

Log Available

Location and description—0.5 miles north of Santa Gertrudes Road, 50 feet west of Butler Road, north of Norwalk.

Reference point—Top of platform over casing, 1.3 feet above ground.

Elevation of reference point—126.3, from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Depth of well—253 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 1637A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Feb. 3.....	51.2	Jan. 14.....	57.7	Feb. 4.....	61.8
Mar. 22.....	50.9	Feb. 26.....	57.2		
May 15.....	51.9	April 9.....	59.8		
July 3.....	55.1	May 7.....	59.3		
Sept. 25.....	58.7	July 30.....	63.5		
Nov. 13.....	59.5	Sept. 17.....	65.1		
		Oct. 8.....	64.6		
		Dec. 24.....	63.0		

Measurements from San Gabriel Valley Protective Association.

C-855f-L-13, MR. NORSE. MAP 3

Log Available

Location and description—1000 feet north of Center Street, 0.35 miles east of Main Street, north of Artesia.

Reference point—Top of $\frac{3}{4}$ -inch plug in concrete pump base, at ground.

Elevation of reference point—74, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—141 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 1020.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
April 23.....	22.2	April 25.....	25.9		
Nov. 26.....	20.5	Dec. 8.....	20.2		

Measurements from Los Angeles County Flood Control District.

C-856-L-13, GORE BROTHERS. MAP 3

Location and description—0.15 miles east of Shoemaker Avenue, 300 feet north of Section Line Road (La Mirada Road), east of Norwalk.

Reference point—Top of casing, 0.3 feet above ground, to and including March 30, 1931; then, top of 6-inch wooden blocks, 0.8 feet above ground.

Elevation of reference point—86, to and including March 30, 1931; then, 86.5; from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Diameter of casing—10 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 856-D-8; L. A. Co. F. C. D. No. 1649.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Jan. 25.....	16.8	Feb. 12.....	22.8	Jan. 9.....	24.8
Aug. 17.....	27.3	Mar. 7.....	22.2	Feb. 6.....	26.3
Oct. 12.....	27.1	April 25.....	28.6	Mar. 9.....	27.9
Dec. 20.....	19.8	May 10.....	23.2	May 4.....	29.7
		June 17.....	24.7	June 11.....	33.6
1929—		July 9.....	33.6	July 23.....	38.1
April 18.....	19.8	Sept. 16.....	37.5	Sept. 17.....	36.9
May 8.....	25.3	Oct. 11.....	33.1	Oct. 1.....	35.0
July 6.....	30.7	Nov. 28.....	36.7		
Aug. 19.....	35.9	Dec. 12.....	30.7		
Sept. 11.....	30.3				
Nov. 4.....	29.8				
Dec. 21.....	26.3				

Measurements from San Gabriel Valley Protective Association.

C-856c-L-13, F. IMBERT. MAP 3

Location and description—165 feet west of Carmenita Avenue, 135 feet south of S. P. R. R. at Carmenita Avenue crossing, 0.25 miles north of Center Street, Carmenita.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—76, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—4 inches.

Other numbers used—State Div. E. and I. No. 30a, Downey Quad.; L. A. Co. F. C. D. No. 1050.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1931—		1932—	
Feb. 16.....	12.0	Jan. 13.....	23.0	Jan. 11.....	24.3
1930—		Feb. 18.....	20.3		
July 22.....	42.9	April 2.....	29.9		
Sept. 3.....	35.7	June 2.....	30.7		
Nov. 3.....	30.4	July 1.....	39.2		
Dec. 8.....	25.0	Oct. 6.....	32.6		
		Dec. 2.....	28.8		

Measurements from Orange County Flood Control District.

C-857-K-13, MR. BRIDGES. MAP 5

Location and description—1200 feet north from Fullerton Road (La Mirada), 0.2 miles east of Carmenita Street, 75 feet south of A. T. & S. F. Ry., east of Norwalk.

Reference point—Top of casing, 40 feet above ground.

Elevation of reference point—90.7, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—10 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 857-D-8; State Div. E. and I., No. 7, Downey Quad.; L. A. Co. F. C. D. No. 1659.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 17.....	26.7	Jan. 18.....	24.6	Jan. 9.....	29.4
Oct. 12.....	25.0	Mar. 19.....	23.7	Feb. 16.....	28.3
Dec. 20.....	20.2	May 10.....	25.5	April 13.....	35.1
		July 9.....	32.6	June 11.....	36.4
1929—		Sept. 5.....	36.7	July 9.....	37.9
April 18.....	20.5	Oct. 23.....	38.6	Sept. 17.....	40.9
June 7.....	26.5	Dec. 9.....	29.4	Nov. 4.....	37.0
Aug. 29.....	30.8			1932—	
Nov. 4.....	29.8			Jan. 5.....	32.6

Measurements from San Gabriel Valley Protective Association.

C-858-L-13, S. D. SUTTON. MAP 3

Location and description—0.22 miles north of Center Street, 0.3 miles west of Bloomfield Avenue, 200 feet south of Tank Farm, north of Artesia.

Reference point—Top of casing, 1.8 feet above ground.

Elevation of reference point—77, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—120 feet.

Diameter of casing—6 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 858-D-9, L. A. Co. F. C. D. No. 1030.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 17.....	*28.4	April 23.....	^b 27.0	April 25.....	^b 32.3
Oct. 24.....	19.7	Nov. 25.....	^b 23.6	May 20.....	^b 29.1
				Dec. 7.....	^b 26.2
1929—					
April 18.....	13.4				
May 28.....	27.0				
June 5.....	30.4				
Sept. 14.....	30.2				

* Down five minutes.

^b Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-859-L-12, C. O. BOCKS (FORMERLY WILLIAM GRIEVE). MAP 3

Location and description—300 feet west of Main Street, 0.2 miles south of Rosecrans Boulevard, south of Norwalk. Circular pit in pump house.

Reference point—Top of concrete curb, 1 foot above ground, to and including June 24, 1929; then, top of casing, 1.6 feet above ground.

Elevation of reference point—89 to and including June 24, 1929; then, 89.6; from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—150 feet.

Diameter of casing—12 inches.

Other numbers used—D. W. R. Bulletin 5, No. 859-C-9; L. A. Co. F. C. D. No. 1010.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 30.....	11.2	April 8.....	24.9	Jan. 20.....	27.6
Dec. 20.....	11.3	May 10.....	28.9	Feb. 16.....	28.0
		June 9.....	31.8		
1929—		Aug. 9.....	33.1		
April 25.....	10.9	Oct. 11.....	33.5		
June 7.....	11.9	Nov. 22.....	32.9		
June 24.....	31.9	Dec. 23.....	28.0		
July 30.....	34.4				
Aug. 12.....	33.6				
Sept. 9.....	34.6				

Measurements from San Gabriel Valley Protective Association.

C-860a-L-12, S. STRONG. MAP 3

Location and description—60 feet south of Rosecrans Boulevard, 0.22 miles east of Studebaker Road, north of Artesia.

Reference point—Bottom edge of pump base, 0.5 feet above ground, to and including May 26, 1930; then, top edge of $\frac{3}{4}$ -inch pipe at pump base, 0.8 feet above ground.

Elevation of reference point—86 to and including May 26, 1930; then, 86.3; from U. S. G. S. topog. by S. G. V. P. A.

Use—Irrigation.

Depth of well—125 feet.

Other numbers used—L. A. Co. F. C. D. No. 1609.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Aug. 12.....	28.0	Jan. 14.....	20.2	Jan. 20.....	22.1
Sept. 5.....	29.7	Feb. 16.....	19.1		
Oct. 16.....	23.8	April 6.....	32.5		
Dec. 10.....	19.8	May 4.....	24.3		
		July 9.....	37.8		
1930—		Aug. 20.....	39.7		
Jan. 7.....	18.6	Oct. 15.....	31.9		
Feb. 4.....	15.3	Nov. 24.....	28.0		
April 8.....	18.7	Dec. 22.....	23.5		
May 26.....	29.4				
July 9.....	32.7				
Aug. 27.....	40.4				
Oct. 13.....	28.8				
Dec. 8.....	22.4				

Measurements from San Gabriel Valley Protective Association.

C-861-L-12, J. P. FLEMING. MAP 3

Location and description—165 feet west of Woodruff Avenue in center of Rosecrans Boulevard, extended west, north of Artesia.

Reference point—Top of blocks over casing, 1.9 feet above ground

Elevation of reference point—86.3, from levels by D. W. R.

Use—Domestic.

Depth of well—140 feet.

Diameter of casing—4 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 861-C-9; W. S. P. 138, No. 2246, Downey; L. A. Co. F. C. D. No. 1589B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 20.....	23.8	Jan. 28.....	14.4	Jan. 14.....	18.3
Oct. 12.....	19.9	Mar. 19.....	14.0	Feb. 9.....	17.6
Dec. 21.....	12.0	May 2.....	21.4	April 27.....	25.4
		July 9.....	34.4	Aug. 20.....	39.6
1929—		Aug. 27.....	39.6	Oct. 15.....	29.6
April 25.....	16.7	Oct. 28.....	25.3	Nov. 4.....	30.0
June 7.....	26.7	Dec. 22.....	24.6	Dec. 9.....	22.6
July 15.....	28.4				
Aug. 29.....	34.1			1932—	
Oct. 16.....	24.7			Jan. 15.....	20.0
Dec. 30.....	21.3				

Measurements from San Gabriel Valley Protective Association.

C-862b-K-12, O. A. PORTER. MAP 2

Location and description—30 feet south of Imperial Highway, 0.2 miles east of Woodruff Avenue, southeast of Downey.

Reference point—Top of casing, 0.5 feet below ground, to and including March 23, 1931; then, base of pump, at ground.

Elevation of reference point—97.5, to and including March 23, 1931; then, 98; from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—155 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1588J.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 11.....	23.6	Feb. 4.....	18.5	Jan. 9.....	26.8
Dec. 21.....	15.5	April 12.....	23.0	Feb. 16.....	22.5
		June 21.....	27.0	April 13.....	35.1
1929—		Aug. 27.....	42.1	May 4.....	28.2
April 25.....	19.0	Oct. 13.....	33.1	June 4.....	37.2
June 5.....	29.7	Dec. 8.....	24.8	July 23.....	42.3
Aug. 17.....	33.0			Sept. 17.....	40.5
Nov. 4.....	24.5			Oct. 1.....	35.6
Dec. 9.....	21.8				

Measurements from San Gabriel Valley Protective Association.

C-863-K-12, S. S. KELSO. MAP 2

Location and description—300 feet east of Cerritos Avenue near turn to north, 0.54 miles south of Imperial Highway, south of Downey.

Reference point—Top of casing, 2.7 feet above ground.

Elevation of reference point—89.3, from levels by D. W. R.

Use—Domestic.

Depth of well—130 feet.

Diameter of casing—4 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 863-C-8; L. A. Co. F. C. D. No. 1569.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 19.....	21.1	Jan. 21.....	16.4	April 14.....	35.4
Dec. 14.....	13.7	Mar. 19.....	*15.4	May 14.....	28.1
		April 23.....	25.6	Nov. 25.....	32.2
1929—		Oct. 15.....	28.6		
Feb. 14.....	12.9	Nov. 25.....	24.5		
April 11.....	13.8				
June 17.....	*26.0				
Aug. 23.....	*32.6				
Oct. 21.....	*24.3				
Dec. 9.....	*20.6				

* Measurement from San Gabriel Valley Protective Association.

Measurements from Los Angeles County Flood Control District except as noted.

C-863b-L-11, PIRDY RANCH. MAP 3

Location and description—0.3 miles north of Washington Boulevard, 0.2 miles west of Cerritos Avenue, northeast of Clearwater.

Reference point—Top of casing, at ground.

Elevation of reference point—86, from U. S. G. S. topog. by S. G. V. P. A.

Use—Irrigation and domestic.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1559.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 24.....	32.1	Jan. 21.....	17.8	Jan. 14.....	19.7
Oct. 29.....	26.0	Mar. 4.....	16.9	April 13.....	33.8
Dec. 30.....	22.2	May 2.....	24.1	May 14.....	28.6
		Aug. 12.....	33.7	Nov. 24.....	26.3
		Oct. 13.....	28.3		
		Dec. 22.....	23.5		

Measurements from San Gabriel Valley Protective Association.

C-865-K-11, L. D. COMSTOCK. MAP 2

Location and description—100 feet east of Paramount Boulevard, on north line of Cole Road, extended, west of Downey.

Reference point—Top of blocks over casing, 1.8 feet above ground.

Elevation of reference point—112, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Diameter of casing—5 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 865-B-8; L. A. Co. F. C. D. No. 1556.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 18.....	20.7	Jan. 18.....	24.5	Jan. 9.....	26.0
Oct. 23.....	21.3	Mar. 21.....	21.1	Feb. 11.....	23.5
Dec. 20.....	18.3	May 15.....	21.8	May 4.....	27.0
		July 18.....	28.7	July 9.....	31.2
1929—		Sept. 10.....	29.6	Aug. 6.....	31.9
April 23.....	20.3	Sept. 19.....	38.9	Oct. 1.....	27.4
June 7.....	31.5	Nov. 28.....	27.5	Dec. 22.....	28.1
July 24.....	33.2	Dec. 4.....	23.6		
Sept. 20.....	28.3				
Dec. 9.....	26.0				

Measurements from San Gabriel Valley Protective Association.

C-866-K-11, MRS. JAMES S. STEWART. MAP 2

Location and description—200 feet north of Stewart and Gray Road, 0.41 miles west of Old River School Road, west of Downey. North one of two windmills.

Reference point—Top of blocks over casing, 1.7 feet above ground.

Elevation of reference point—110, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Diameter of casing—7 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 866-B-8; L. A. Co. F. C. D. No. 1545.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 30.....	21.2	Jan. 6.....	*23.2	April 14.....	*31.8
Dec. 20.....	17.7	April 25.....	*24.7	May 13.....	*29.0
		Nov. 25.....	*27.7	Nov. 30.....	*29.3
1929—					
April 25.....	19.1				
June 24.....	25.4				
Aug. 3.....	28.0				
Sept. 11.....	29.0				
Sept. 20.....	25.6				

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-866a-K-11, WALTER WILEY. MAP 2

Log Available

Location and description—20 feet south of Stewart-Gray Road, 120 feet west of Old River School Road, west of Downey.

Reference point—Top of pump base casting at edge of hole, 0.3 feet above concrete floor, 0.5 feet above ground.

Elevation of reference point—106.0, from levels by L. A. D. of W. & P.

Use—Irrigation.

Depth of well—133 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1545E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
June 5.....	25.8	Feb. 4.....	20.2	Feb. 16.....	23.6
Aug. 1.....	27.8	April 8.....	21.9	April 27.....	29.2
Oct. 2.....	25.0	June 9.....	27.6	June 11.....	31.7
Dec. 3.....	23.3	Aug. 27.....	32.5	July 9.....	34.2
		Nov. 10.....	29.0	Sept. 17.....	36.6
		Dec. 22.....	25.9	Nov. 11.....	31.7
				Dec. 22.....	28.1

Measurements from San Gabriel Valley Protective Association.

C-872-K-11, F. G. NEWTON. MAP 2

Location and description—100 feet north of Imperial Highway, 200 feet east of U. P. R. R., Southgate.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—96, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—117 feet.

Diameter of casing—5 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 872-B-8; L. A. Co. F. C. D. No. 1536.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 18.....	25.5	Feb. 12.....	17.0	Jan. 14.....	17.5
Oct. 24.....	21.0	April 19.....	22.3	Mar. 2.....	22.6
Dec. 20.....	15.9	June 21.....	29.9	May 4.....	24.9
		Aug. 16.....	30.5	June 4.....	30.2
1929—		Oct. 18.....	27.0	Nov. 24.....	25.9
April 25.....	17.7	Dec. 29.....	19.8	Dec. 22.....	23.5
July 1.....	27.9				
Aug. 12.....	28.7				
Oct. 19.....	24.4				
Dec. 20.....	20.9				

Measurements from San Gabriel Valley Protective Association.

C-872a-K-11, LOS ANGELES COUNTY FARM. MAP 2

Location and description—0.45 miles west of Paramount Boulevard, 0.35 miles south of Imperial Highway, southwest of Downey.

Reference point—Top of platform over well, 5 feet below ground.

Elevation of reference point—87, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—285 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1537A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1930—Cont.		1931—Cont.	
Jan. 14.....	10.8	Oct. 23.....	19.9	May 28.....	20.3
Mar. 20.....	9.5	Dec. 4.....	15.2	Aug. 27.....	30.3
May 8.....	13.5			Oct. 1.....	23.0
June 5.....	21.0	1931—		Dec. 24.....	15.9
Sept. 4.....	27.0	Jan. 14.....	13.1		
		Mar. 5.....	16.8		

Measurements from San Gabriel Valley Protective Association.

C-874-K-11, C. A. QUILL. MAP 2

Location and description—150 feet south of Imperial Highway, 0.12 miles east of Downey Avenue, southwest of Downey.

Reference point—Top of blocks over casing, 1.2 feet above ground.

Elevation of reference point—101, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—117 feet.

Diameter of casing—5 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 874-B-8; L. A. Co. F. C. D. No. 1557.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. h. P. to water surface, feet
1928—		1930—		1931—	
Oct. 12.....	27.0	Jan. 14.....	24.0	Feb. 16.....	26.2
Dec. 20.....	20.0	Feb. 4.....	22.9	May 4.....	31.5
		April 8.....	25.6	June 11.....	38.2
1929—		June 10.....	33.3	Aug. 20.....	41.9
April 25.....	23.0	July 28.....	38.7	Sept. 3.....	42.3
June 5.....	33.0	Oct. 28.....	33.7	Oct. 28.....	37.2
Sept. 11.....	35.0	Dec. 22.....	29.7	Dec. 9.....	31.6
Nov. 12.....	29.5				
				1932—	
				Jan. 20.....	29.0

Measurements from San Gabriel Valley Protective Association.

C-876a-L-11, F. G. DUNBAR. MAP 3

Location and description—300 feet south of Washington Street, 75 feet east of Ocean Boulevard, Clearwater.

Reference point—Top of casing, 1.3 feet above ground.

Elevation of reference point—75, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—150 feet.

Diameter of casing—5 inches.

Other numbers used—L. A. Co. F. C. D. No. 940A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Sept. 7.....	19.7	Jan. 9.....	8.6	April 23.....	20.5
		April 24.....	13.5	May 19.....	17.6
		Nov. 25.....	13.8	Nov. 24.....	14.2

Measurements from Los Angeles County Flood Control District.

Note.—Well was artesian until 1926.

C-877d-L-11, SOUTHERN CALIFORNIA EDISON COMPANY, LTD. MAP 3

Location and description—30 feet south of Washington Boulevard, 0.28 miles west of Michigan Avenue, west of Clearwater.

Reference point—Base of pump, about 1 foot below ground.

Elevation of reference point—70, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—150 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 920A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 17.....	16.8	Jan. 7.....	6.5	Jan. 14.....	6.0
Aug. 24.....	33.9	Feb. 4.....	2.8	Feb. 16.....	5.1
Sept. 5.....	17.3	Mar. 25.....	3.1	Mar. 9.....	9.4
Sept. 26.....	12.0	April 21.....	8.5	May 4.....	9.5
Nov. 6.....	11.4	June 9.....	15.0	May 28.....	12.5
Dec. 10.....	7.9	July 9.....	16.5	July 23.....	22.1
		Nov. 10.....	12.7	Oct. 28.....	14.9
		Dec. 22.....	9.3	Nov. 24.....	10.3
				Dec. 22.....	7.5
				1932—	
				Jan. 20.....	3.3

Measurements from San Gabriel Valley Protective Association.

C-877i-L-11, PROCTOR RANCH. MAP 3

Log Available

Location and description—50 feet south of Main Street, 1500 feet east of Gibson Street, west of Clearwater.

Reference point—Top of 2 x 4, 0.6 feet above ground.

Elevation of reference point—70, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—300 feet.

Diameter of casing—4 inches.

Other numbers used—L. A. D. of W. & P. No. 132; L. A. Co. F. C. D. No. 910C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1929—		1931—	
April 27.....	"	Mar. 6.....	4.7	Feb. 11.....	7.9
		Oct. 10.....	15.1	May 5.....	12.3
1928—				July 7.....	25.5
Oct. 24.....	10.1	1930—		Oct. 10.....	20.6
		Feb. 4.....	5.7	Dec. 4.....	12.6
		Sept. 8.....	22.9		

* Water forcing itself through gasket on 6-inch gate, which caps well, 1 foot above ground.

Measurements from Los Angeles Department of Water and Power.

C-885a-L-11, UNION PACIFIC RAILROAD. MAP 3

Location and description—300 feet east of U. P. main track, 200 feet south of Jackson Street, 1 Hynes.
 Reference point—Top of iron cap, 0.3 feet above ground.
 Elevation of reference point—65, from U. S. G. S. topog. by D. W. R.
 Use—Industrial.
 Diameter of casing—12 inches.
 Other numbers used—L. A. Co. F. C. D. No. 931.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 6.....	^a 15.6	Feb. 4.....	3.3	Jan. 13.....	6.4
Sept. 5.....	16.5	Mar. 27.....	3.5	Mar. 3.....	8.0
Sept. 28.....	12.6	April 8.....	6.7	April 6.....	17.1
Oct. 9.....	14.2	May 14.....	9.7	April 27.....	13.3
Oct. 23.....	^a 11.0	June 25.....	15.6	May 4.....	10.1
Nov. 26.....	10.0	Aug. 12.....	23.9	June 4.....	15.7
Dec. 31.....	8.1	Oct. 14.....	12.7		
		Dec. 9.....	8.7	1932—	
				Mar. 14.....	b8.4

^a Pumping 135 feet south.

^b Measurement by Division of Water Resources.

Measurements from San Gabriel Valley Protective Association except as noted.

C-885c-L-11, OIL COUNTRY SPECIALTIES MANUFACTURING COMPANY. MAP 3

Location and description—125 feet south of Artesia Avenue, 150 feet west of U. P. R. R., south of Hynes.
 Reference point—Top of casing, 0.3 feet above ground.
 Elevation of reference point—58, from U. S. G. S. topog. by D. W. R.
 Use—Irrigation and domestic.
 Depth of well—Plugged at 80 feet.
 Diameter of casing—4 inches.
 Other numbers used—L. A. Co. F. C. D. No. 932B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 21.....	13.3	Jan. 8.....	4.8	Jan. 13.....	5.1
Sept. 26.....	9.2	Feb. 4.....	1.4	Mar. 3.....	3.8
Nov. 12.....	8.3	Mar. 5.....	1.2	April 21.....	14.1
		April 9.....	3.1	May 7.....	7.8
		May 15.....	6.2	June 11.....	12.5
		July 9.....	12.9		
		Aug. 13.....	15.8	1932—	
		Oct. 14.....	10.3	Mar. 14.....	^a 5.2
		Dec. 24.....	7.5		

^a Measurement by Division of Water Resources.

Measurements from San Gabriel Valley Protective Association except as noted.

C-885e-L-11, G. SUTCLIFFE. MAP 3

Location and description—160 feet north of Artesia Street, 160 feet east of Coke Avenue extended, southwest of Bellflower.

Reference point—Top of 2¼-inch coupling above well, 2.7 feet above ground.

Elevation of reference point—62, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—165 feet.

Diameter of casing—5 inches.

Other numbers used—L. A. Co. F. C. D. No. 952A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 21.....	15.7	Jan. 8.....	4.7	Jan. 13.....	4.4
Oct. 16.....	10.9	Feb. 4.....	1.6	Feb. 17.....	3.1
Dec. 4.....	7.0	May 15.....	9.3	Mar. 17.....	9.7
		July 29.....	13.2	April 27.....	11.1
		Aug. 28.....	18.0	May 7.....	10.1
		Oct. 14.....	19.5	June 12.....	16.0
		Dec. 24.....	12.6		
			7.4	1932—	
				Mar. 14.....	*6.3

* Measurement by Division of Water Resources.

Measurements from San Gabriel Valley Protective Association except as noted.

C-886a-L-11, BLANCHE DUGAN RANCH. MAP 3

Location and description—200 feet east of Cerritos Avenue, 125 feet south of Center Street, west of Bellflower.

Reference point—Top of 2-inch outlet pipe at edge of ¼-inch hole, 0.5 feet above ground.

Elevation of reference point—71, from U. S. G. S. topog. by D. W. R.

Use—Irrigation and domestic.

Depth of well—950 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 951A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 24.....	19.5	Jan. 7.....	3.6	Jan. 13.....	4.4
Nov. 6.....	9.5	Feb. 13.....	+0.5	Feb. 17.....	3.3
Dec. 17.....	4.6	April 8.....	1.4	Mar. 23.....	12.0
		May 27.....	8.8	May 28.....	12.2
		July 9.....	13.5	June 11.....	17.2
		Aug. 12.....	21.0		
		Oct. 14.....	16.7		
		Dec. 9.....	9.3		

Measurements from San Gabriel Valley Protective Association.

C-887-L-12, R. S. THOMPSON. MAP 3

Location and description—450 feet west of corner of Artesia Avenue and Woodruff Avenue, and 40 feet south of Ramona Avenue, south of Bellflower. 20 feet northwest of irrigation well.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—64.4, from levels by D. W. R.

Use—Domestic and stock.

Diameter of casing—6 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 887-C-9, State Div. E. and I., No. 32, Downey Quad.; L. A. Co. F. C. D. No. 982.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1930—Cont.		1931—	
Jan. 22.....	*6.0	Aug. 28.....	31.2	Feb. 10.....	7.6
April 9.....	8.7	Oct. 20.....	9.2	April 28.....	16.4
May 10.....	5.8	Nov. 28.....	13.4	June 12.....	20.3
June 9.....	18.7	Dec. 30.....	11.8	Dec. 2.....	*13.7

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-888b-L-12, SOMMERSET WATER COMPANY, NO. 1. MAP 3

Location and description—30 feet south of Center Street, 50 feet east of Woodruff Avenue, east of Bellflower.

Reference point—Top of pump base, 0.5 feet above ground.

Elevation of reference point—73, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—840 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 981A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Sept. 12.....	25.6	Jan. 13.....	9.4	Jan. 12.....	*12.4
Oct. 23.....	18.0	Feb. 17.....	8.1		
Dec. 30.....	11.1	Mar. 3.....	9.1		
		Oct. 13.....	*21.0		
1930—		Nov. 10.....	*21.6		
Feb. 13.....	5.6	Dec. 17.....	*18.0		
April 8.....	5.5				
April 21.....	9.6				
Aug. 12.....	24.1				
Dec. 9.....	14.3				

* Measurement from owner.

Measurements from San Gabriel Valley Protective Association except as noted.

C-889-L-12, A. L. LEWIS. MAP 3

Location and description—25 feet south of Artesia Avenue, 1400 feet east of Studebaker Road, northwest of Artesia. 125 feet east of cemetery.

Reference point—Edge of pit, at ground.

Elevation of reference point—65, from U. S. G. S. topog by D. W. R.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 889-C-9; L. A. Co. F. C. D. No. 1002.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 19.....	*21.0	Jan. 22.....	*16.8	Jan. 18.....	15.3
Dec. 14.....	*15.3	April 18.....	10.1	Mar. 7.....	13.5
		May 18.....	13.3	May 10.....	12.1
1929—		June 10.....	17.2	Nov. 8.....	18.5
Feb. 14.....	*10.7	Sept. 9.....	26.8	Dec. 4.....	22.1
April 11.....	*10.1	Nov. 7.....	24.0	Dec. 31.....	Destroyed
Aug. 20.....	21.0	Dec. 21.....	20.4		
Oct. 11.....	22.1				
Dec. 20.....	14.6				

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-891-L-13, R. H. STINE. MAP 3

Location and description—100 feet south of Artesia Avenue, 250 feet west of Norwalk Boulevard, Artesia.

Reference point—Top of casing with screw cap, 1.5 feet above ground.

Elevation of reference point—6 from U. S. G. S. topog. by D. W. R.

Use—Not used.

Diameter of casing—2 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 891-D-9; L. A. Co. F. C. D. No. 1022A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 21.....	23.7	Jan. 8.....	12.9	Jan. 9.....	17.4
Oct. 11.....	20.6	Feb. 4.....	7.0	Feb. 20.....	9.3
Nov. 20.....	9.5	Mar. 22.....	6.3	Mar. 3.....	12.3
Dec. 20.....	5.1	April 8.....	10.7	May 7.....	21.2
		May 10.....	16.5	June 5.....	23.5
1929—		June 17.....	24.2	July 1.....	*36.2
April 25.....	11.4	Sept. 10.....	29.6	Oct. 6.....	*27.2
June 15.....	25.5	Nov. 8.....	23.4	Dec. 2.....	*17.2
Aug. 1.....	36.3	Dec. 9.....	14.3		
Oct. 21.....	21.6			1932—	
Dec. 18.....	14.2			Jan. 11.....	*11.7

* Measurement from Orange County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-894-L-13, D. E. VEIGA (FORMERLY CLEVER BROTHERS.) MAP 3

Location and description—200 feet west of Marquardt Street and 400 feet north of Artesia Avenue, west of Buena Park. 20 feet east of irrigation well.

Reference point—Top of casing, 2.0 feet above ground.

Elevation of reference point—61.7, from levels by D. W. R.

Use—Domestic.

Depth of well—98 feet.

Diameter of casing—11 inches.

Other numbers used—D. W. R. Bulletin 6, No. 894-D-9; L. A. Co. F. C. D. No. 1062.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 21.....	24.7	Jan. 8.....	16.6	Jan. 14.....	25.6
Oct. 11.....	21.9	Feb. 4.....	11.4	Feb. 24.....	14.0
Nov. 26.....	12.0	Mar. 29.....	10.0	Mar. 24.....	24.9
Dec. 20.....	9.2	April 22.....	16.1	May 7.....	22.1
		May 10.....	17.6	June 5.....	24.5
1929—		June 17.....	28.1	June 24.....	35.7
April 18.....	10.8	Aug. 13.....	36.1	Dec. 7.....	*15.1
June 15.....	25.8	Sept. 16.....	27.6		
Aug. 17.....	33.4	Nov. 25.....	21.6		
Oct. 21.....	22.5	Dec. 12.....	16.6		
Dec. 31.....	17.4				

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-895-L-14, MR. HEATH (FORMERLY LEON VANDERMAELE). MAP 3

Location and description—150 feet south of Artesia Avenue, 0.15 miles east of Miller Road, north-east of Artesia.

Reference point—Top of casing, at ground.

Elevation of reference point—57.2, from levels by D. W. R.

Use—Domestic.

Diameter of casing—4 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 895-E-9; L. A. Co. F. C. D. No. 1072.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Aug. 21.....	20.9	April 18.....	7.2	April 23.....	*25.9
Oct. 24.....	28.2	June 6.....	39.7	May 20.....	*24.8
Nov. 16.....	11.6			Dec. 7.....	*22.7
Dec. 20.....	6.9	1930—			
		Oct. 24.....	*25.4		

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-896-L-13, DURAND BROTHERS. MAP 3

Location and description—700 feet north of Orangethorpe Avenue and 540 feet west of Carmenita Avenue, east of Artesia.

Reference point—Top of 4-inch nipple in valve on well, 2.1 feet above ground, to and including August 13, 1930; then, top of casing, 0.9 feet above ground.

Elevation of reference point—48.1 to and including August 13, 1930; then, 46.9; from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—1101 feet.

Diameter of casing—12 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 896-D-9; L. A. Co. F. C. D. No. 1054.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 21.....	21.1	Jan. 15.....	7.2	Jan. 27.....	6.4
Oct. 11.....	17.2	Feb. 13.....	2.7	Feb. 17.....	4.5
Nov. 26.....	4.7	Mar. 27.....	1.8	Mar. 17.....	8.8
Dec. 21.....	1.0	April 22.....	8.4	April 21.....	24.4
		May 3.....	12.3	May 12.....	14.2
1929—		June 25.....	20.5	June 2.....	17.6
May 3.....	6.8	Aug. 13.....	30.5	June 24.....	27.9
June 6.....	17.7	Oct. 14.....	21.7		
Aug. 27.....	27.4	Dec. 24.....	10.4	1932—	
Oct. 2.....	19.7			Feb. 15.....	*5.0
Dec. 12.....	10.7				

* Measurement from owner.

Measurements from San Gabriel Valley Protective Association except as noted.

C-896e-M-13, R. R. RUSSELL. MAP 3

Location and description—300 feet east of Walker Street, 200 feet south of Orangethorpe Avenue, east of Artesia.

Reference point—Top of casing, inside standard pipe, 2.9 feet above ground.

Elevation of reference point—53.6, from levels by O. C. F. C. D., from local B. M.

Use—Domestic.

Depth of well—350 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 1064A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 9.....	16.3	Feb. 18.....	8.6	Jan. 11.....	13.7
June 25.....	24.1	April 2.....	22.8		
Sept. 10.....	32.5	June 2.....	21.8		
Oct. 2.....	28.0	Aug. 11.....	35.9		
Dec. 8.....	16.8	Oct. 6.....	28.4		
		Dec. 4.....	19.6		

Measurements from Orange County Flood Control District.

C-897k-M-13, E. F. TALBOTT. MAP 3

Location and description—300 feet south of Orangethorpe Avenue, 300 feet east of Beck Street, 650 feet east of Bloomfield Avenue, east of Artesia.

Reference point—Concrete pump base, 0.5 feet above ground.

Elevation of reference point—45.2, from levels by O. C. F. C. D. from local B. M.

Use—Domestic.

Depth of well—270 feet.

Diameter of casing—10 inches.

Other numbers used—O. Co. F. C. D. No. 3P-24, L. A. Co. F. C. D. No. 1034B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 10.....	24.7	Jan. 13.....	17.6	Jan. 11.....	14.6
Dec. 8.....	19.7	Mar. 5.....	20.8		
		May 6.....	33.4		
		June 2.....	28.6		
		Oct. 6.....	31.2		
		Dec. 2.....	34.4		

Measurements from Orange County Flood Control District.

C-899i-M-13, H. E. SEXTON. MAP 3

Location and description—100 feet south of Anaheim Street, 225 feet east of highway bridge over Coyote Creek, southeast of Artesia.

Reference point—End of pipe in casing, 0.5 feet above ground.

Elevation of reference point—41, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Irrigation.

Depth of well—218 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1045C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 3.....	11.2	April 15.....	24.4		
April 22.....	11.3	May 20.....	19.3		
Nov. 26.....	15.5	Dec. 7.....	12.5		

* Reference point 1.5 feet above ground; elevation, 42.

Measurements from Los Angeles County Flood Control District.

C-900-M-13, MR. A. H. LAWRENCE. MAP 3

Location and description—110 feet west of Dennie Road extended, 325 feet north of Lincoln Avenue, west of Cypress. North well of three.

Reference point—Bushing 0.4 feet above ground, to and including January 30, 1930; then, top of 4 inch pipe, 10.2 feet above ground.

Elevation of reference point—35.4 to and including January 30, 1930; then, 45.2; from U. S. G. S. topog. by S. G. V. P. A.

Use—Irrigation and domestic.

Depth of well—550 feet.

Diameter of casing—4 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 900-D-10, State Div. E. and I. No. 64, Downey Quad.; Location No. 1046.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—Cont.	
Nov. 16.....	4.1	Jan. 30.....	1.8	April 24.....	38.0
Dec. 22.....	+2.9	Mar. 7.....	10.0	May 15.....	26.0
		May 16.....	15.3	June 12.....	32.7
1929—		June 13.....	28.1	July 3.....	42.6
April 15.....	+2.3	Aug. 29.....	40.3	Aug. 7.....	46.0
May 3.....	4.1	Nov. 7.....	30.2	Oct. 1.....	37.1
June 6.....	20.1	Dec. 26.....	20.2	Nov. 5.....	33.5
Sept. 4.....	27.5			Dec. 10.....	23.5
Oct. 25.....	17.0	1931—			
Dec. 27.....	8.4	Jan. 16.....	16.8	1932—	
		Feb. 20.....	14.2	Jan. 21.....	17.7
		Mar. 20.....	21.5		

Measurements from San Gabriel Valley Protective Association.

C-900h-M-13, OTTO G. HILBERS. MAP 3

Location and description—150 feet west of Dennie Road, 100 feet north of Crescent Avenue, south-east of Artesia.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—40, from anroid by D. W. R.

Use—Not used.

Depth of well—200 feet.

Diameter of casing—5 inches.

Other numbers used—O. Co. F. C. D. No. 5P-2, Location No. 1046A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Dec. 8.....	10.5	Jan. 13.....	7.1	Mar. 15.....	a 4.2
Dec. 23.....	9.9	Feb. 19.....	3.7		
		Mar. 13.....	6.2		
		April 2.....	17.5		
		May 5.....	14.6		
		June 2.....	15.4		

a Measurement by Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-901g-M-12, MONTANA RANCH, NO. 45. MAP 3

Location and description—0.6 miles east of Somerset Avenue, 0.4 miles south of South Street, 350 feet east of road, 200 feet south of power line, south of Bellflower.

Reference point—½-inch hole bored in cover over casing, 1 foot above ground.

Elevation of reference point—51, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 984.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 24.....	24.7	Jan. 21.....	Flowing	April 23.....	13.8
		April 23.....	Flowing	May 19.....	10.8
		Nov. 26.....	8.1	Dec. 2.....	10.1

Measurements from Los Angeles County Flood Control District.

C-902a-L-11, CALEB GARRISON. MAP 3

Location and description—100 feet east of Paramount Boulevard, 750 feet north of South Street southwest of Bellflower.

Reference point—Top of vitrified pipe on inside edge of bell, 1 foot above ground.

Elevation of reference point—56, from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Depth of well—103 feet.

Diameter of casing—3 inches.

Other numbers used—L. A. Co. F. C. D. No. 943B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface feet
1929—		1931—		1932—	
Aug. 21.....	18.9	Jan. 13.....	12.1	Jan. 21.....	6.7
Oct. 1.....	14.7	Feb. 4.....	11.4		
Dec. 31.....	11.6	Mar. 3.....	10.4		
		April 21.....	14.6		
1930—		May 15.....	9.8		
Feb. 5.....	8.1	June 5.....	10.9		
Mar. 5.....	6.0	Aug. 7.....	17.0		
April 9.....	7.8	Sept. 18.....	14.3		
June 11.....	12.2	Oct. 2.....	15.8		
Aug. 13.....	18.8	Dec. 11.....	10.5		
Oct. 1.....	15.4				
Dec. 9.....	14.9				

Measurements from San Gabriel Valley Protective Association.

C-902b-L-11, MONTANA LAND COMPANY, NO. 12. MAP 3

Log Available

Location and description—20 feet east of Cerritos Avenue; 800 feet north of South Street, south of Bellflower.

Reference point—Top of platform over well, 0.7 feet above ground, to and including November 11, 1931; then, top of board cap over well, 0.3 feet above ground.

Elevation of reference point—75.2 to and including November 11, 1931; then, 75; from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Depth of well—750 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 953.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
Sept. 5.....	23.2	Sept. 4.....	41.8	May 28.....	24.1
Oct. 18.....	8.0	Oct. 23.....	29.9	June 11.....	33.0
Nov. 1.....	6.6	Nov. 13.....	25.7	July 16.....	43.5
Dec. 27.....	16.5	Dec. 24.....	18.6	Sept. 17.....	33.6
1930—		1931—		Nov. 11.....	26.1
Feb. 7.....	12.1	Jan. 14.....	20.5	Nov. 25.....	5.4
Mar. 7.....	11.5	Feb. 26.....	14.7	Dec. 9.....	3.1
April 17.....	12.1	Mar. 19.....	18.9	1932—	
June 12.....	22.7	May 7.....	27.7	Jan. 6.....	Sealed
July 24.....	29.2				

Measurements from San Gabriel Valley Protective Association.

C-902f-M-11, COMPTON GUN CLUB. MAP 3

Log Available

Location and description—500 feet east of U. P. R. R., 1400 feet south of South Street, 700 feet west of Ocean Avenue, east of Virginia City.

Reference point—Top of pit, at ground.

Elevation of reference point—50, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—To fill duck pond.

Depth of well—64 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 934.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Feb. 15.....	6.9	May 19.....	11.4		
April 13.....	7.5	Nov. 24.....	12.2		
Nov. 26.....	11.9				

Measurements from Los Angeles County Flood Control District.

C-905-M-10, P. VALENZUELA. MAP 3

Location and description—700 feet south of 223d Street (Wilmington Street), 600 feet west of P. E. Ry., 0.32 miles south of Bixby Avenue, Long Beach. East of Los Angeles River.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—58, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Diameter of casing—3 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 905-A-10; L. A. Co. F. C. D. No. 897A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1930—	
Aug. 20.....	66.0	April 19.....	62.9	Jan. 22.....	*65.5
Dec. 24.....	63.3	May 13.....	64.4	April 24.....	*65.8
		June 19.....	66.3	Dec. 2.....	*68.5
		July 13.....	66.9		
		Aug. 5.....	67.4		

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-907f-M-11, MONTANA LAND COMPANY, NO. 13. MAP 3

Location and description—500 feet south of dirt road, which is 0.5 miles south of South Street, $\frac{1}{2}$ -mile west of Somerset Avenue, southwest of Bellflower.

Reference point—Top of casing, at ground.

Elevation of reference point—52, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—717 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 964.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 24.....	14.9	Jan. 21.....	Flowing	April 23.....	15.8
		April 23.....	8.3	May 19.....	14.5
		Nov. 26.....	12.2	Dec. 2.....	10.1

Measurements from Los Angeles County Flood Control District.

C-908b-M-12, MONTANA LAND COMPANY, NO. 34. MAP 3

Log Available

Location and description—20 feet south of Bixby Station Road, $\frac{1}{4}$ -mile west of Palos Verdes, southwest of Artesia.

Reference point—Top of 2-inch blocks over casing, 0.7 feet above ground.

Elevation of reference point—45, from U. S. G. S. topog. by S. G. V. P. A.

Use—Domestic and stock.

Depth of well—717 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 986.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 11.....	18.2	Feb. 5.....	13.3	Jan. 13.....	19.1
Dec. 24.....	9.9	April 10.....	12.0	Mar. 19.....	18.7
		June 11.....	14.5	May 29.....	22.6
1929—		Aug. 13.....	21.3	July 10.....	28.8
April 18.....	11.0	Oct. 14.....	23.5	Sept. 18.....	29.4
June 6.....	19.4	Dec. 24.....	20.1	Nov. 12.....	27.3
Sept. 4.....	24.1			Dec. 11.....	24.6
Dec. 12.....	18.0			1932—	
				Jan. 21.....	20.9

Measurements from San Gabriel Valley Protective Association.

C-908c-M-12, MONTANA LAND COMPANY, NO. 30. MAP 3

Location and description—2700 feet south of Bixby Station Road, 700 feet east of Somerset Avenue, southwest of Artesia.

Reference point—Top of pump head at edge of $\frac{3}{4}$ -inch hole inside pump frame, 1 foot above ground.

Elevation of reference point—37, from U. S. G. S. topog. by S. G. V. P. A.

Use—Irrigation.

Depth of well—622 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 977A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 22.....	24.1	Jan. 22.....	14.0	Jan. 13.....	17.9
Oct. 22.....	19.2	April 10.....	12.0	Mar. 3.....	17.5
Dec. 18.....	17.1	June 25.....	15.5	May 7.....	23.3
		Sept. 16.....	22.4	Aug. 7.....	26.3
		Nov. 25.....	20.6	Oct. 30.....	25.5
				Nov. 30.....	23.3

Measurements from San Gabriel Valley Protective Association.

C-908e-M-12, MONTANA LAND COMPANY, NO. 72. MAP 3

Log Available

Location and description—0.25 miles east of Pioneer Boulevard and 30 feet south of Carson Street, south of Artesia.

Reference point—Top of iron plate over well, 1 foot above ground.

Elevation of reference point—33, from U. S. G. S. topog. by S. G. V. P. A.

Use—Domestic.

Depth of well—700 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1016.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 22.....	19.4	Feb. 5.....	0.7	May 13.....	10.7
Oct. 18.....	15.1	April 1.....	0.7	June 1.....	10.4
Dec. 31.....	6.3	May 16.....	^a 6.6	Nov. 30.....	9.7
		July 30.....	^a 20.6		
		Nov. 26.....	^b 11.0		

^a Pumping 500 feet west.

^b Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-909-N-13, J. P. LABOURDETTE. MAP 3

Location and description—0.27 miles west of Los Alamitos Boulevard, 30 feet south of Spring Street, 50 feet west of Los Angeles county line at Spring Street, south of Artesia.

Reference point—Top of hydrant, 2.3 feet above ground, to and including April 16, 1929; then, top of tee, 0.3 feet above ground.

Elevation of reference point—23.8 to and including April 16, 1929; then, 21.8; from levels by D. W. R.

Use—Domestic.

Depth of well—332 feet.

Other numbers used—State Div. E, and 1, No. 54, Downey Quad.; D. W. R. Bulletins 5 and 6, No. 909-D-11; L. A. Co. F. C. D. No. 1028.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 21.....	3.0	Jan. 7.....	+2.7	Jan. 14.....	+2.0
Oct. 11.....	1.6	Mar. 5.....	+7.5	Mar. 3.....	+4.2
Nov. 16.....	+4.9	May 16.....	+5.2	Mar. 31.....	12.6
Dec. 22.....	+6.9	Aug. 13.....	11.6	May 15.....	4.0
		Sept. 17.....	12.7	July 10.....	19.8
1929—		Oct. 15.....	9.8	Oct. 16.....	11.6
April 16.....	+6.9	Dec. 9.....	1.0	Dec. 24.....	1.4
July 24.....	14.7				
Aug. 15.....	9.7			1932—	
Oct. 30.....	4.5			Jan. 21.....	+1.7

Measurements from San Gabriel Valley Protective Association.

C-909e-M-12, BIXBY LAND COMPANY. MAP 3

Log Available

Location and description—3300 feet south of Carson Street, about ½-mile west of Pioneer Boulevard, south of Artesia.

Reference point—Top of platform, 13.5 feet above ground.

Elevation of reference point—44, from U. S. G. S. topog. by D. W. R.

Use—Not used.

Depth of well—675 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1017.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Jan. 8	13.3	Jan. 16	13.3	Jan. 7	14.1
Mar. 7	8.4	Mar. 6	12.0		
May 2	14.6	April 10	30.1		
Aug. 15	29.5	May 15	20.0		
Oct. 3	26.6	July 24	38.1		
Dec. 26	15.0	Oct. 22	27.0		
		Dec. 24	15.8		

Measurements from Sao Gabriel Valley Protective Association.

C-910b-O-13, HELLMAN RANCH. MAP 3

Location and description—10 feet south of Westminster Road, 5 feet west of Los Alamitos Road, northeast of Seal Beach.

Reference point—(a) Top of 2-inch to 1-inch bushing, 0.8 feet above ground; (b) Top of 2-inch coupling, 0.4 feet above ground; (c) Top of 2-inch horizontal suction pipe at elbow, 1 foot above ground.

Elevation of reference point—(a) 10.8; (b) 10.4, (c) 11.0; from estimate by S. G. V. P. A.

Use—Domestic.

Depth of well—320 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 514.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 10	^a +1.1	Jan. 23	^c +3.3	Mar. 4	Flowing
Dec. 22	^a +3.9	Mar. 12	^c +4.6	Mar. 25	^b 0.1
		April 24	^c +3.8	April 22	^b 3.5
1929—		May 16	^c +4.1	May 23	^b 0.6
April 18	^a +7.1	June 24	^c +1.7	June 13	^b 1.5
June 8	^a +2.1	Aug. 16	^b 4.7	July 25	^b 4.7
Aug. 2	^a 0.2	Sept. 16	^b 7.1	Sept. 19	^b 9.0
Sept. 12	^b 5.7	Nov. 12	^b 4.2	Nov. 6	^b 6.8
Oct. 10	^b 3.7	Dec. 10	^b 2.0	Dec. 24	^b 0.7
Dec. 13	^b 0.1			1932—	
				Jan. 9	Flowing

^a Reference point (a) used.

^b Reference point (b) used.

^c Reference point (c) used.

Measurements from Sao Gabriel Valley Protective Association.

C-910c-N-12, F. H. BIXBY. MAP 3

Location and description—450 feet south of Ocean Avenue (7th Street), 0.65 miles west of San Gabriel River, north of Seal Beach.

Reference point—Edge of $\frac{1}{4}$ -inch hole in suction pipe on north side, 1.6 feet above ground, to and including July 11, 1929, then, edge of $\frac{1}{4}$ -inch hole in suction pipe on north side, 9.9 feet below ground.

Elevation of reference point—24 to and including July 11, 1929, then, 12.5, from U. S. G. S. topog. by D. W. R.

Use—Irrigation and domestic.

Depth of well—100 feet.

Diameter of casing—8 inches.

Other numbers used—L. A. Co. F. C. D. No. 492A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 22.....	24.8	Jan. 22.....	6.8	Nov. 30.....	Sealed
Dec. 24.....	16.0	Feb. 10.....	4.0		
		April 23.....	5.6		
1929—		May 28.....	8.0		
April 18.....	17.7	Aug. 16.....	15.7		
May 24.....	20.5				
July 11.....	25.4				
Sept. 3.....	20.0				
Nov. 29.....	13.8				

Measurements from San Gabriel Valley Protective Association.

C-910d-O-12, ASSOCIATED OIL COMPANY—HELLMAN NO. 1. MAP 3

Log Available

Location and description—150 feet north of city limits of Seal Beach, 530 feet west of Westminster Boulevard. Old oil well.

Reference point—Top of 2-inch tee on west side of casing under building, 1.5 feet above ground.

Elevation of reference point—20, estimate by S. G. V. P. A.

Use—Not used.

Depth of well—5742 feet. Plugged at 994 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 504B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 10.....	22.2	Jan. 30.....	23.1	Jan. 12.....	32.8
Dec. 22.....	18.4	Mar. 28.....	22.3	Feb. 18.....	29.1
		May 28.....	20.6	April 1.....	32.7
1929—		Aug. 16.....	28.1	June 13.....	34.2
April 18.....	16.8	Oct. 15.....	37.3	Aug. 8.....	38.9
June 28.....	23.4	Dec. 10.....	35.3	Sept. 5.....	45.5
Sept. 26.....	33.3			Nov. 14.....	45.3
Nov. 29.....	31.0			Dec. 11.....	40.3
Dec. 19.....	28.6				
				1932—	
				Jan. 16.....	31.6

Measurements from San Gabriel Valley Protective Association.

C-910j-O-12, HELLMAN RANCH (R. ABBEY, LESSEE). MAP 3

Location and description—310 feet north of and 1100 feet east of turn to west in Westminster Boulevard at point 0.65 miles northeast of P. E. Ry., Seal Beach.

Reference point—Top of casing, 1.5 feet above ground.

Elevation of reference point—17.8, from levels by O. Co. F. C. D. from local B. M.

Use—Irrigation and domestic.

Diameter of casing—12 inches.

Other numbers used—O. Co. F. C. D. No. 2P-51; Location No. 515A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Nov. 8.....	15.1	Jan. 26.....	9.3	Jan. 12.....	10.1
Dec. 22.....	12.5	Feb. 17.....	8.8		
		April 3.....	11.8		
		June 2.....	11.8		
		Sept. 11.....	18.3		
		Dec. 10.....	13.4		

Measurements from Orange County Flood Control District.

C-910n-O-12, ASSOCIATED OIL COMPANY. MAP 3

Location and description—0.6 miles northeast of State Highway (Coast) bridge over San Gabriel River and 500 feet southeast of east levee of river, Seal Beach.

Reference point—Top of casing, 1.4 feet above ground.

Elevation of reference point—8.4, from levels by O. Co. F. C. D. from local B. M.

Use—Not used.

Diameter of casing—8 inches.

Other numbers used—O. Co. F. C. D. No. 2P-57; L. A. Co. F. C. D. No. 494A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Nov. 8.....	6.5	Jan. 9.....	4.5	Jan. 12.....	3.8
Nov. 26.....	6.0	Feb. 17.....	2.8		
		Mar. 2.....	3.4		
		April 3.....	4.7		
		May 15.....	4.9		
		June 2.....	5.2		
		Sept. 11.....	8.6		
		Dec. 10.....	5.9		

Measurements from Orange County Flood Control District.

C-910o-O-12, SEAL BEACH OIL COMPANY. MAP 3

Location and description—35 feet east of Main Street, 75 feet south of State Highway (Coast), Seal Beach.

Reference point—Bottom of 3-inch horizontal discharge pipe, 8.7 feet above ground, to and including December 11, 1928; then 1/2-inch hole on southwest side of casing, 3.3 feet above ground.

Elevation of reference point—13.7 to and including December 11, 1928; then, 8.3; estimate by State Div. E. and I.

Use—Abandoned oil casing.

Diameter of casing—8 inches.

Other numbers used—State Div. E. and I. No. 8, Las Bolsas Quad.; O. Co. F. C. D. No. 5P-40. Location No. 495A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1931—	
Feb. 25.....	*1.7	May 3.....	*15.0	Feb. 18.....	21.1
		Dec. 11.....	*17.8	June 2.....	22.1
1927—				July 7.....	Destroyed
Nov. 9.....	*11.0				

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-911-O-13, N. R. YORBA. MAP 3

Location and description—250 feet south of Ocean Avenue, 360 feet west of Los Alamitos Boulevard 4000 feet west of Hellman Avenue, northeast of Seal Beach. South well, 5 feet north of barn.

Reference point—Top of three-way elbow, 0.4 feet above ground, to and including May 3, 1928; then, top of 2-inch pipe, at ground.

Elevation of reference point—12.2 to and including May 3, 1928, then, 11.8, from levels by O. Co. F. C. D. from local B. M.

Use—Not used.

Depth of well—112 feet.

Diameter of casing—2 inches.

Other numbers used—O. Co. F. C. D. No. 1P-52, State Div. E. and I. No. 53, Downey Quad; D. W. R. Bulletin 6, No. 911-D-12; Location No. 512A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1929—		1931—	
June 22.....	+23.2	June 8.....	b1.1	Feb. 17.....	0.0
1924—		Aug. 2.....	b3.1	April 3.....	4.2
Nov. 14.....	+5.5	Sept. 12.....	b6.6	June 1.....	5.0
1926—		Dec. 19.....	b1.1	Sept. 11.....	10.8
Feb. 18.....	+4.6	1930—		Oct. 3.....	9.5
1927—		Jan. 2.....	b0.6	Dec. 10.....	4.8
Dec. 7.....	+5.1	May 16.....	+3.5	1932—	
1928—		June 20.....	+0.3	Jan. 12.....	1.5
May 3.....	+5.7	Oct. 2.....	7.9		
Dec. 22.....	+3.6	Dec. 22.....	2.4		

^a Measurement from Division of Water Resources.

^b Measurement from San Gabriel Valley Protective Association.

Measurements from Orange County Flood Control District except as noted.

C-911b-N-13, F. H. BIXBY. MAP 3

Location and description—5 feet south of Bixby Avenue and 10 feet west of Los Alamitos Boulevard (Norwalk Boulevard), northeast of Seal Beach.

Reference point—Top of $\frac{3}{4}$ -inch tee, 2.6 feet above top of flange and ground, to and including March 17, 1931; then, bottom edge of pump base, 0.2 feet above ground.

Elevation of reference point—16.4 to and including March 17, 1931; then, 14; from aneroid by D. W. R.

Use—Irrigation and domestic.

Depth of well—903 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 521.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
July 16.....	3.2	Jan. 2.....	0.9	Mar. 17.....	8.4
Sept. 19.....	10.4	Feb. 10.....	+1.5	April 29.....	10.4
Oct. 18.....	7.4	April 10.....	+2.4	June 26.....	Scaled
Dec. 12.....	2.8	June 11.....	+1.1		
		July 14.....	1.4		
		Aug. 29.....	4.4		
		Sept. 17.....	13.0		
		Nov. 26.....	5.5		

Measurements from San Gabriel Valley Protective Association.

C-911f-O-12, BRYANT RANCH. MAP 3

Location and description—100 feet west of San Gabriel River, 0.45 miles south of Anaheim Street, north of Seal Beach.

Reference point—Opening in side of 2-inch pipe near top, 1.5 feet above ground.

Elevation of reference point—7, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Diameter of casing—2 inches.

Other numbers used—L. A. Co. F. C. D. No. 503C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— Sept. 26.....	2 5	1930— Jan. 22..... April 23..... June 28..... Nov. 26.....	Flowing Flowing Flowing 2.0	1931— May 21..... Dec. 1.....	1 4 2.8
				1932— Mar. 11.....	Flowing

Measurements from Los Angeles County Flood Control District.

C-912b-O-13, HELLMAN RANCH NO. 1, WELL NO. 9. MAP 4

Location and description—15 feet south of Ocean Avenue, 0.84 miles west of Hansen Road, 200 feet west of Springdale Street, northwest of Westminster.

Reference point—Top edge of part in cut-off inside valve on north side of elbow in suction pipe, 1.8 feet above ground, to and including December 22, 1928; then, top of ½-inch plug in 2-inch outlet plug in pump head, 2.2 feet above ground.

Elevation of reference point—23.1 to and including December 22, 1928; then, 23.5; estimated by S. G. V. P. A.

Use—Domestic and irrigation.

Depth of well—921 feet.

Diameter of casing—12 inches.

Other numbers used—Location Nn 572.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Sept. 21..... Nov. 10..... Dec. 22.....	8.8 5.1 0 4	1930— Feb. 10..... April 11..... May 16..... July 14..... Sept. 17..... Oct. 30..... Dec. 24.....	5 8 7.1 6 6 12 4 19 3 17 6 13 4	1931— Feb. 10..... April 29..... May 23..... July 24..... Aug. 18..... Oct. 30..... Dec. 11.....	11 4 20 8 16.1 22.7 25 5 22 5 18.3
1929— April 16..... May 24..... June 28..... Aug. 26..... Oct. 30..... Dec. 19.....	0.9 6 9 11 2 15 4 13.2 10.4			1932— Jan. 30.....	13.3

Measurements from San Gabriel Valley Protective Association.

C-912c-O-13, HELLMAN RANCH. MAP 3

Location and description—30 feet south of Ocean Avenue, 25 feet west of Bolsa Chica Street, south of Los Alamitos.

Reference point—Top of discharge pipe, edge of $\frac{3}{8}$ -inch outlet hole near pump head, 14 feet above ground.

Elevation of reference point—21.4, estimate by S. G. V. P. A.

Use—Irrigation.

Other numbers used—Location No. 552.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 21.....	8.5	Jan. 10.....	1.8	Jan. 14.....	3.0
Nov. 10.....	+0.2	Feb. 10.....	+2.8	Feb. 10.....	1.6
Dec. 22.....	+5.0	April 11.....	+0.9	May 8.....	11.7
1929—		May 5.....	2.3	July 11.....	19.2
April 15.....	+6.1	May 16.....	+0.1	Aug. 22.....	22.3
May 3.....	+3.1	June 24.....	6.9	Oct. 3.....	17.4
June 8.....	9.2	Sept. 17.....	17.0	Dec. 24.....	6.0
July 24.....	11.3	Oct. 30.....	11.8		
Sept. 4.....	15.7	Nov. 26.....	8.1	1932—	
Dec. 19.....	3.8			Jan. 30.....	4.0

Measurements from San Gabriel Valley Protective Association.

C-912c-O-13, HELLMAN RANCH. MAP 3

Log Available

Location and description—On south line of Westminster Boulevard, 0.54 miles west of Bolsa Chica Street, northeast of Seal Beach.

Reference point—Top of 1-inch hole in hushing in pump head, 18 feet above ground.

Elevation of reference point—15.3, estimate by S. G. V. P. A.

Use—Irrigation.

Depth of well—915 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 544

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 22.....	0.9	Jan. 10.....	0.6	Jan. 21.....	3.5
Dec. 22.....	+6.4	Jan. 16.....	Flowing	Feb. 25.....	3.6
1929—		July 31.....	1.4	April 29.....	9.3
Aug. 2.....	+2.1	Aug. 29.....	8.5	May 23.....	6.3
Aug. 26.....	8.8	Sept. 17.....	15.3	July 11.....	8.6
Oct. 3.....	7.6	Oct. 2.....	13.4	Aug. 22.....	20.4
Nov. 7.....	8.3	Dec. 10.....	11.5	Sept. 19.....	22.0
Dec. 19.....	1.9			Nov. 16.....	21.8
				Dec. 11.....	13.4
				1932—	
				Jan. 22.....	4.0

Measurements from San Gabriel Valley Protective Association.

C-912h-N-13, F. H. BIXBY. MAP 3

Location and description—10 feet south of Bixby Avenue, 5 feet west of Moody Street, extended south, southeast of Los Alamitos.

Reference point—Top of discharge casting at edge of $\frac{3}{8}$ -inch hole between flange and pump head, 1.4 feet above concrete floor and ground.

Elevation of reference point—25.4, estimate by S. G. V. P. A.

Use—Irrigation.

Depth of well—834 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 551B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
July 15.....	13.4	July 30.....	18.0	May 15.....	10.8
Sept. 4.....	18.9	Aug. 29.....	20.0	June 10.....	16.1
Oct. 2.....	12.5	Oct. 30.....	13.7	Aug. 7.....	26.4
Dec. 18.....	5.1	Dec. 24.....	6.7	Oct. 2.....	20.0
				Dec. 11.....	10.0
1930—		1931—			
Feb. 10.....	+1.7	Feb. 24.....	3.2	1932—	
April 23.....	2.2	Mar. 25.....	12.8	Jan. 5.....	19.1
May 16.....	1.5	April 22.....	20.7		
June 24.....	9.5				

Measurements from San Gabriel Valley Protective Association.

C-913c-N-11, PEOPLES ICE COMPANY. MAP 3

Location and description—100 feet north of Anaheim Street, 100 feet west of head of Freeman Avenue, Long Beach. In 32-foot pit near south entrance to engine room.

Reference point—Top of pit, at ground.

Elevation of reference point—38, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Industrial.

Depth of well—130 feet.

Diameter of casing—5 inches.

Other numbers used—L. A. Co. F. C. D. No. 441.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Oct. —.....	36	April 26.....	*36.5	May 22.....	37.7
		Dec. 5.....	37.6	Dec. 1.....	38.6

* Pump stopped.

Measurements from Los Angeles County Flood Control District.

C-914b-N-12, BRYANT RANCH. MAP 3

Location and description—0.45 miles north of Anaheim Street, 5000 feet west of Palo Verde Avenue, Long Beach. 300 feet back of ranch house.

Reference point—Top of casing, 0.1 feet above top of concrete pump base and 1 foot above ground.

Elevation of reference point—37, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—1500 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 471.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 26.....	*30.2	Jan. 21.....	17.3	May 22.....	27.2
		April 23.....	17.1	Dec. 1.....	26.6
		Nov. 26.....	24.9		

* Pumping.

Measurements from Los Angeles County Flood Control District.

C-916-N-12, F. H. BIXBY RANCH. MAP 3

Location and description—60 feet east of intersection of dirt road and Spring Street, $\frac{1}{2}$ -mile west of Somerset Avenue, 20 feet south of Spring Street, east of Signal Hill.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—29.9, from levels by D. W. R.

Use—Domestic.

Diameter of casing—4 inches.

Other numbers used—State Div. E. and I. No. 49, Downey Quad., D. W. R. Bulletin 6, No. 916-B-11;

L. A. Co. F. C. D. No. 968.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 21	12.0	Jan. 3	*13.2	April 23	*24.5
Oct. 11	12.3	Feb. 15	*10.2	May 8	*18.8
Dec. 24	7.4	April 23	*10.0	May 19	*21.9
		Nov. 26	*18.5	Dec. 2	*15.6
1929—					
April 18	12.0				
May 13	13.1				
June 20	21.9				
July 16	25.4				

* Measurement from Los Angeles County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-916g-N-12, F. H. BIXBY. MAP 3

Location and description—75 feet south of Spring Street, 200 feet east of a dirt road $\frac{1}{2}$ -mile east of Somerset Avenue, east of Signal Hill.

Reference point—Top of $\frac{3}{4}$ -inch pipe in cement cap, 1 foot above ground.

Elevation of reference point—25, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Diameter of casing—4 inches.

Other numbers used—L. A. Co. F. C. D. No. 988.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Sept. 26	8.4	Jan. 21	1.5	April 23	13.6
		April 23	0.6	May 19	10.4
		Nov. 26	8.2	Dec. 2	7.3

Measurements from Los Angeles County Flood Control District.

C-926-M-11, CITY OF LONG BEACH—BOUTEN WELL NO. 1. MAP 3

Log Available

Location and description—1170 feet east of Cherry Avenue, 120 feet east of U. P. R. R., 0.8 miles south of San Antonio Drive and 0.47 miles north of Bixby Station Road, north of Signal Hill.

Reference point—Top of casing and concrete, 0.2 feet above ground, to and including May 24, 1929; then, top of 2-inch board cover over well, 0.18 feet above top of casing and concrete, 0.4 feet above ground, to and including September 26, 1929; then, top of recorder platform, 0.42 feet above concrete, 0.6 feet above ground.

Elevation of reference point—70, to and including May 24, 1929; then, 70.2, to and including September 26, 1929, then, 70.4; from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Depth of well—841 feet.

Diameter of casing—14 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 926-B-10; L. A. Co. F[C. D. No. 936.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Aug. 21.....	74.7	Feb. 7.....	58.6	Jan. 16.....	65.5
Dec. 24.....	63.1	Mar. 10.....	55.2	Feb. 19.....	60.9
		May 9.....	55.5	April 16.....	70.7
1929—		June 13.....	67.8	May 7.....	65.9
April 18.....	56.6	Sept. 12.....	84.5	June 11.....	72.6
June 28.....	72.1	Dec. 5.....	73.0	July 16.....	75.0
July 26.....	79.1			Aug. 27.....	91.0
Sept. 26.....	86.6			Oct. 1.....	82.3
Oct. 18.....	82.3			Dec. 9.....	73.5
Dec. 27.....	71.5				
				1932—	
				Jan. 6.....	67.1

Measurements from San Gabriel Valley Protective Association.

C-927a-N-14, ARTESIA LAND COMPANY. MAP 4

Location and description—500 feet south of Katella Avenue, 35 feet west of Hansen Street, west of Stanton.

Reference point—Top of casing, at ground, to and including November 10, 1928; then, 1/4-inch hole in 1 1/4-inch plug in pump head, 0.4 feet above concrete, 1.4 feet above ground.

Elevation of reference point—53.7, to and including November 10, 1928; then, 55.1; from levels by O. Co. F. C. D. from local B. M.

Use—Irrigation.

Depth of well—1100 feet.

Other numbers used—O. Co. F. C. D. No. 3P-52; Location No. 1089A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 21.....	32.4	Jan. 2.....	27.6	Feb. 27.....	*24.6
Nov. 10.....	22.7	Feb. 10.....	20.9	Mar. 23.....	*16.1
Dec. 21.....	16.1	Mar. 12.....	22.8	May 15.....	*33.1
		May 16.....	25.5	June 1.....	*40.6
1929—		June 11.....	35.3	July 9.....	*39.6
April 15.....	16.5	July 9.....	*39.6		
May 3.....	21.1	Nov. 12.....	38.9		
June 8.....	33.4	Dec. 10.....	29.7		
July 17.....	37.6				

* Measurement from Orange County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-927c-N-14, BIXBY RANCH, NO. 3. MAP 4

Location and description—20 feet west of Hansen Road, 20 feet south of Bixby Avenue, southwest of Stanton.

Reference point—Top of casing, 0.3 feet above ground, to and including May 31, 1928, then, bottom of pump base, 2.3 feet above ground.

Elevation of reference point—45 to and including May 31, 1928, then, 47.3; estimated by S. G. V. P. A.

Use—Irrigation and domestic.

Depth of well—500 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E, and I. No. 68, Downey Quad. Location No. 581B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1929—		1930—	
June 14.....	^a +4.0	April 20.....	13.7	Feb. 10.....	16.4
		May 3.....	17.0	April 10.....	18.8
1924—		June 8.....	47.4	June 24.....	30.7
Nov. 13.....	^a 4.8	July 11.....	31.8	Aug. 29.....	37.3
		July 24.....	52.1	Oct. 2.....	28.5
1926—		Aug. 2.....	33.4	Dec. 10.....	24.6
Feb. 19.....	^a 6.8	Sept. 19.....	32.2		
		Oct. 10.....	33.5	1931—	
1927—		Dec. 12.....	24.3	Jan. 20.....	21.9
Dec. 8.....	^a 10.0			Mar. 17.....	29.5
				May 8.....	29.4
1928—				July 24.....	47.0
May 31.....	^a 18.0			Aug. 21.....	47.1
Sept. 25.....	25.8			Nov. 6.....	36.9
Nov. 10.....	18.5				
Dec. 21.....	12.3			1932—	
				Jan. 21.....	24.2

^a Measurement from Division Water Resources.

Measurements from San Gabriel Valley Protective Association except as noted.

C-927k-N-14, MR. RENETTE. MAP 3

Location and description—1400 feet south of Ball Road, 1980 feet west of Hansen Road, 20 feet southwest from C-927j-N-14, west of Stanton.

Reference point—Top of casing, 1.5 feet above ground to and including December 12, 1929; then, top of platform, 0.2 feet higher.

Elevation of reference point—57, to and including December 12, 1929; then, 57.2; estimate by D. W. R.

Use—Not used.

Depth of well—150 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 1088B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Dec. 18.....	20.4	Jan. 16.....	20.0	Jan. 11.....	21.4
		Feb. 20.....	18.0		
1930—		May 15.....	25.2		
Jan. 2.....	21.1	June 12.....	35.5		
Mar. 7.....	14.7	Aug. 7.....	42.4		
May 9.....	17.6	Sept. 11.....	36.4		
June 27.....	28.0	Oct. 23.....	30.5		
Aug. 29.....	35.9	Dec. 21.....	22.9		
Oct. 17.....	31.7				
Dec. 12.....	23.2				

Measurements from San Gabriel Valley Protective Association.

C-929f-L-11, BARROW MORTGAGE CORPORATION—BIXBY NO. 1. MAP 3

Location and description—85 feet north of Smith Street, 22 feet west of Linden Avenue, 2200 feet north of South Street, Long Beach.

Reference point—Top of casing, at ground, to and including September 26, 1929; then, top of platform 2.9 feet above top of casing.

Elevation of reference point—54, to and including September 26, 1929; then, 57, from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Depth of well—1800 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 913.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Aug. 20.....	58.6	Feb. 19.....	45.7	Jan. 6.....	49.4
Oct. 23.....	57.0	April 16.....	53.9		
Dec. 28.....	48.5	June 11.....	56.7		
		July 9.....	62.8		
1930—		Aug. 27.....	68.2		
Feb. 8.....	43.9	Oct. 12.....	63.2		
April 3.....	40.9	Dec. 16.....	53.1		
May 8.....	42.6				
July 3.....	51.5				
Sept. 11.....	58.7				
Nov. 13.....	57.2				
Dec. 24.....	52.2				

Measurements from San Gabriel Valley Protective Association.

C-935f-M-10, MR. LINEBERGER. MAP 3

Location and description—100 feet west of Long Beach Boulevard, 25 feet south of Home Street, Long Beach.

Reference point—Top of hand pump platform, north side, at ground.

Elevation of reference point—43, from U. S. G. S. topog. by D. W. R.

Use—Domestic.

Depth of well—400 feet.

Diameter of casing—7 inches.

Other numbers used—L. A. D. of W. & P. No. 94, L. A. Co. F. C. D. No. 905B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1930—		1931—	
July 22.....	6.4	Oct. 16.....	12.1	May 21.....	10.2
				July 7.....	11.6
				Sept. 29.....	13.7
				Nov. 23.....	13.2

Measurements from Los Angeles Department of Water and Power.

C-937b-N-11, CITY OF LONG BEACH—CITIZENS NO. 2. MAP 3

Log Available

Location and description—700 feet east of Newport Avenue, 70 feet south of Spring Street, east of Signal Hill.

Reference point—Top of cast iron cap over well, 1.5 feet above ground.

Elevation of reference point—35.1, from levels by owner.

Use—Municipal.

Depth of well—456 feet.

Diameter of casing—14 inches.

Other numbers used—L. A. Co. F. C. D. No. 958A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
July 25.....	81.4	Aug. 13.....	70.5	June 12.....	71.6
Aug. 29.....	84.6	Oct. 1.....	66.0	July 24.....	80.7
Oct. 22.....	71.6	Dec. 9.....	58.1	Sept. 18.....	78.8
Dec. 12.....	54.9			Oct. 16.....	70.4
		1931—		Dec. 11.....	60.1
1930—		Jan. 14.....	56.1		
Jan. 15.....	48.1	Feb. 10.....	50.5	1932—	
Mar. 18.....	43.5	April 28.....	60.2	Jan. 21.....	52.4
May 3.....	50.6	May 22.....	65.5		

Measurements from San Gabriel Valley Protective Association.

C-938c-N-11, CITY OF LONG BEACH—ALAMITOS NO. 5. MAP 3

Log Available

Location and description—1920 feet east of Bennett Avenue, 1240 feet north of Stearns Street, Long Beach.

Reference point—Top of platform, 3.5 feet above ground, and 0.5 feet above top of casing.

Elevation of reference point—26, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Not used.

Depth of well—994 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 460B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
Oct. 26.....	27.5	June 13.....	23.8	April 9.....	26.0
Nov. 9.....	25.9	Aug. 29.....	30.8	May 28.....	24.4
Dec. 6.....	21.8	Sept. 26.....	32.1	June 11.....	30.6
		Oct. 17.....	27.8	Aug. 27.....	37.0
1930—		Dec. 5.....	26.6	Oct. 1.....	32.5
Jan. 3.....	22.7			Dec. 16.....	24.0
Jan. 31.....	14.1	1931—			
Mar. 7.....	14.3	Jan. 16.....	23.3	1932—	
April 11.....	19.7	Feb. 12.....	18.3	Jan. 13.....	21.9

Measurements from San Gabriel Valley Protective Association.

C-940b-N-12, CITY OF LONG BEACH. MAP 3

Location and description—75 feet south of Spring Street and 855 feet east of Studebaker Road, east of Long Beach.

Reference point—Edge of $\frac{3}{4}$ -inch to 2-inch hushing in 3-inch tee, 2.5 feet above ground.

Elevation of reference point—24.5, from U. S. G. S. topog. by S. G. V. P. A.

Use—Not used.

Diameter of casing—3 inches.

Other numbers used—L. A. Co. F. C. D. No. 1009A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
Oct. 18.....	4.0	Oct. 1.....	7.1	July 24.....	10.7
Dec. 31.....	0.4	Dec. 24.....	2.5	Aug. 7.....	13.3
1930—		1931—		Oct. 2.....	12.3
Feb. 5.....	+3.9	Jan. 14.....	1.4	Nov. 12.....	11.6
Mar. 27.....	+5.1	Mar. 3.....	0.9	Dec. 24.....	6.1
June 11.....	+2.8	May 15.....	6.3	1932—	
July 12.....	0.4	June 12.....	5.9	Jan. 21.....	3.4
Sept. 17.....	6.8				

Measurements from San Gabriel Valley Protective Association.

C-942a-K-14, UNITED LOAN AND MORTGAGE COMPANY. MAP 5

Location and description—150 feet east of Valley View Avenue and 400 feet north of Santa Gertrudes Road, southwest of Santa Fe Springs.

Reference point—Bottom of pump base, 0.5 feet above ground.

Elevation of reference point—144, from aneroid by D. W. R.

Use—Domestic and irrigation.

Depth of well—800 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 1678.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—Cont.	
Aug. 17.....	45.7	April 21.....	56.8	June 11.....	65.8
1929—		June 23.....	59.5	Sept. 17.....	72.5
June 11.....	55.1	Sept. 30.....	65.2	Oct. 28.....	69.1
Aug. 17.....	60.9	Dec. 22.....	63.2	Nov. 4.....	71.5
Sept. 25.....	59.2	1931—		Dec. 22.....	68.5
Oct. 29.....	60.0	Feb. 16.....	60.7	1932—	
Dec. 17.....	58.9	April 13.....	65.1	Jan. 29.....	65.3
		May 4.....	64.0		

Measurements from San Gabriel Valley Protective Association.

C-948f-L-14, J. NEIGHBORS. MAP 3

Location and description—50 feet west of Western Avenue, 200 feet south of Artesia Avenue, Buena Park.

Reference point—Top of casing, 0.2 feet above ground.

Elevation of reference point—72.0, from levels by O. Co. F. C. D. from local B. M.

Use—Not used.

Depth of well—60 feet.

Diameter of casing—5 inches.

Other numbers used—O. Co. F. C. D. No. 5P-5; Location No. 1092.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
Jan. 14.....	30.4	June 2.....	35.7	Jan. 11.....	38.7
Feb. 19.....	27.3	July 1.....	41.2		
April 2.....	32.4	Dec. 4.....	38.0		

Measurements from Orange County Flood Control District.

C-948n-L-14, STANDARD OIL COMPANY—NORTHAM WELL NO. 2. MAP 3

Location and description—1635 feet south of Center Street, 3400 feet east of Miller Road (Valley View Avenue), northwest of Buena Park. 35 feet south of boiler house.

Reference point—Welded plate over casing for air lift, 1 foot above ground.

Elevation of reference point—65, from U. S. G. S. topog. by S. O. Co.

Use—Industrial.

Depth of well—1049 feet.

Diameter of casing—10 inches.

Other numbers used—L. A. Co. F. C. D. No. 1081B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— April 1.....	+13.0	1926— Feb. 10..... Aug. 12.....	11.9 22.9	1929— Mar. 5.....	19.2
1924— Feb. 1..... Aug. 23.....	+4.3 7.8	1927— Feb. 13.....	12.2	1930— Mar. 25..... Sept. 5.....	24.1 34.9
1925— Feb. 4..... Aug. 4.....	1.2 15.7	1928— Feb. 7..... Aug. 8.....	7.7 17.7	1931— Mar. 18.....	30.0

Measurements from Standard Oil Company.

C-949-M-14, CENTRALIA SCHOOL. MAP 3

Location and description—1100 feet south of La Palma Avenue, 100 feet east of Hansen Road, south of Buena Park.

Reference point—Top of casing, 0.6 feet above ground.

Elevation of reference point—67.9, from levels by O. C. F. C. D. from local B. M.

Use—Domestic.

Diameter of casing—6 inches.

Other numbers used—O. Co. F. C. D. No. 1P-21; Location No. 1095.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 19..... July 16..... Sept. 11..... Oct. 2..... Dec. 22.....	13.8 17.7 18.6 18.2 15.8	1931— Feb. 18..... May 29..... July 1..... Aug. 11..... Oct. 6..... Dec. 2.....	14.7 16.7 20.2 20.5 19.6 17.3	1932— Jan. 11.....	15.7

Measurements from Orange County Flood Control District.

C-949c-M-14, EDWARD SEIDLITZ. MAP 3

Location and description—1200 feet west of Western Avenue, 150 feet south of Lincoln Avenue, north of Stanton.

Reference point—Top of $\frac{3}{4}$ -inch block over casing, 0.6 feet above ground.

Elevation of reference point—70.9, from levels by O. Co. F. C. D. from local B. M.

Use—Domestic.

Depth of well—114 feet.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. No. 3P-37; Location No. 1096A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 14..... June 13..... Sept. 11..... Nov. 12..... Dec. 22.....	20.2 30.1 33.7 25.9 21.6	1931— Jan. 13..... Feb. 18..... Mar. 4..... May 29..... June 2.....	22.2 20.0 21.4 22.9 25.8	1931—Cont. Sept. 2..... Oct. 6..... Dec. 2..... 1932— Jan. 11.....	30.7 27.6 23.5 21.5

Measurements from Orange County Flood Control District.

C-950a-M-14, GEORGE McNEIL. MAP 3

Location and description—1200 feet east of Hansen Road, 900 feet south of Orangethorpe Avenue, southwest of Buena Park.

Reference point—Top edge of 1½-inch outlet hole in east side of pump head, 0.3 feet above concrete 1.3 feet above ground.

Elevation of reference point—70.3, estimate by G. V. P. A.

Use—Irrigation

Depth of well—485 feet.

Diameter of casing—12 inches.

Other numbers used—Hoy No. 43; Location No. 1094.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 9.....	37.8	Jan. 15.....	35.4	Jan. 13.....	36.9
Dec. 17.....	26.4	Mar. 27.....	31.2	Feb. 10.....	34.8
		May 15.....	37.4	Mar. 10.....	38.5
1929—		June 25.....	49.9	April 21.....	63.0
April 15.....	25.8	July 29.....	62.5	May 6.....	46.9
June 6.....	47.9	Aug. 28.....	64.3	June 10.....	62.4
Aug. 15.....	58.0	Oct. 14.....	58.5	Aug. 7.....	73.5
Oct. 18.....	49.8	Dec. 9.....	43.2	Oct. 2.....	60.5
Dec. 18.....	39.6			Nov. 13.....	53.5
				Dec. 11.....	45.1
				1932—	
				Jan. 5.....	42.1

Measurements from San Gabriel Valley Protective Association.

C-950d-M-13, C. E. GOTTERBA. MAP 3

Location and description—0.2 miles east of Walker Street, 650 feet north of Lincoln Avenue, Cypress.

Reference point—Top of wood clamp around 4-inch pipe, 0.5 feet above top of concrete curb, 1.6 feet above ground, to and including June 6, 1929; then, top of flange on casing, 0.2 feet below top of concrete curb, to and including October 1, 1930; then, top of 1-inch tee over well, 0.4 feet above concrete curb.

Elevation of reference point—51, to and including June 6, 1929; then, 50.3 to and including October 1, 1930; then, 50.9; estimate by D. W. R.

Use—Irrigation.

Depth of well—600 feet.

Other numbers used—Location No. 1066C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
May 4.....	11.1	Feb. 13.....	8.9	Jan. 13.....	11.7
June 20.....	19.9	Mar. 27.....	8.5	Feb. 10.....	10.2
Aug. 29.....	26.3	May 15.....	12.6	Mar. 24.....	15.3
Oct. 30.....	19.7	June 25.....	19.8	May 13.....	16.0
Dec. 18.....	13.8	Aug. 28.....	26.8	Oct. 13.....	20.4
		Oct. 1.....	20.1	Nov. 30.....	15.2
		Dec. 9.....	11.7		

Measurements from San Gabriel Valley Protective Association.

C-950a-M-13, MAUDE IBBETSON. MAP 3

Location and description—30 feet west of Walker Street, 10 feet south of La Palma Avenue, north of Cypress.

Reference point—Top of cap screw hole in flange at pump head, 1 foot above bottom of pump base on beams, 1.2 feet above ground, to and including June 28, 1929; then, top of pump base plate, 0.9 feet below old reference point.

Elevation of reference point—49.2, to and including June 28, 1929, then, 48.3; estimate by S. G. V. P. A.

Use—Irrigation.

Depth of well—909 feet.

Other numbers used—Location No. 1065.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
May 3.....	1 6	June 25.....	14 5	June 23.....	23 0
June 28.....	14 9	Sept. 16.....	23 5	Sept. 4.....	29 9
Sept. 18.....	21 2	Nov. 25.....	19 7	Nov. 13.....	24 9
Nov. 13.....	16 0			Dec. 23.....	18 2
1930—		1931—		1932—	
Jan. 15.....	11 3	Jan. 13.....	13 6	Jan. 21.....	15 4
Mar. 17.....	5 2	Feb. 24.....	11 4		
May 15.....	9 5	May 27.....	19 2		

Measurements from San Gabriel Valley Protective Association.

C-950n-M-14, A. G. RANDALL. MAP 3

Location and description—75 feet north of Lincoln Avenue, 25 feet west of Holder Street, east of Cypress.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—64.2, from levels by O. Co. F. C. D. from local B. M.

Use—Irrigation.

Depth of well—600 feet.

Diameter of casing—14 inches.

Other numbers used—O. Co. F. C. D. No. 3P-38; Location No. 1086A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
May 14.....	31 3	Jan. 30.....	32 1	July 1.....	62 4
June 13.....	48 9	Feb. 18.....	31 0	Sept. 2.....	63 0
July 12.....	52 1	Mar. 12.....	35 6	Nov. 3.....	54 9
Oct. 2.....	53 9	May 29.....	46 1	Dec. 2.....	42 4
Dec. 22.....	36 7	June 2.....	62 2		
				1932—	
				Jan. 11.....	37 3

Measurements from Orange County Flood Control District.

C-950p-L-14, B. J. HINDS. MAP 3

Location and description—0.37 miles west of Hansen Road, 0.13 miles east of Holder Street extended, 175 feet north of Orangethorpe Avenue, southwest of Buena Park.

Reference point—Top of casing, 0.7 feet above ground.

Elevation of reference point—63.1, from levels by O. Co. F. C. D. from local B. M.

Use—Domestic.

Depth of well—180 feet.

Diameter of casing—4 inches.

Other numbers used—O. Co. F. C. D. No. 3P-17; Location No. 1084E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
May 9.....	21 2	Jan. 13.....	23 8	Oct. 6.....	40 1
June 6.....	27 9	Feb. 18.....	20 3	Nov. 3.....	38 1
July 12.....	35 6	May 6.....	29 2	Dec. 4.....	29 9
Sept. 10.....	40 0	June 12.....	31 9		
Nov. 3.....	34 9	Aug. 11.....	47 7	1932—	
				Jan. 11.....	24 6

Measurements from Orange County Flood Control District.

C-957-H-11, CALIFORNIA WATER SERVICE COMPANY, BELVEDERE NO. 3. MAP 2

Location and description—300 feet south of Brooklyn Avenue, 50 feet east of Rowan Avenue, west of Montebello.

Reference point—Concrete floor of pump house, at ground.

Elevation of reference point—303.0, from levels by owner.

Use—Domestic and irrigation.

Depth of well—420 feet.

Diameter of casing—12 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 957-A-5; L. A. Co. F. C. D. No. 2815.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 31.....	84.0	Jan. 31.....	84.0	Jan. 31.....	85.0
Sept. 30.....	83.3	Mar. 31.....	84.0	Feb. 28.....	84.0
Oct. 31.....	69.6	May 31.....	85.5	Mar. 31.....	86.0
Nov. 1.....	71.5	Sept. 30.....	87.0	May 31.....	85.0
Dec. 31.....	83.3	Nov. 30.....	85.0	July 31.....	87.0
				Sept. 30.....	86.0
				Dec. 31.....	84.5
				1932—	
				Jan. 31.....	85.5
				Feb. 29.....	85.0

Measurements from owner.

C-958-I-11, CALIFORNIA WATER SERVICE COMPANY, BELVEDERE NO. 1. MAP 2

Location and description—70 feet north of Whittier Boulevard, 200 feet east of Eastman Street (Laguna Street), west of Montebello. West one of two wells.

Reference point—Floor of pump house, at ground.

Elevation of reference point—223.1, from levels by owner.

Use—Irrigation and domestic.

Depth of well—176 feet.

Diameter of casing—18 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 958-B-6; L. A. Co. F. C. D. No. 2817.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 31.....	121.0	Feb. 28.....	128.0	Feb. 18.....	133.0
Sept. 1.....	120.2	April 30.....	130.0	April 30.....	132.0
Nov. 1.....	130.5	Aug. 31.....	135.0	June 30.....	136.0
Nov. 30.....	132.0	Oct. 31.....	133.0	Aug. 31.....	135.0
Dec. 31.....	130.0	Nov. 31.....	133.0	Oct. 31.....	136.0
				Dec. 31.....	134.0
				1932—	
				Jan. 31.....	134.0
				Feb. 29.....	134.0

Measurements from owner.

C-960-1-11, CALIFORNIA WATER SERVICE COMPANY, BELVEDERE NO. 14. MAP 2

Location and description—70 feet west of Brannick Street, 30 feet south of Telegraph Road, west of Montebello

Reference point—Floor of pump house, at ground.

Elevation of reference point—192.9, from levels by owner.

Use—Domestic and irrigation.

Depth of well—306 feet.

Diameter of casing—16 inches.

Other numbers used—D W R Bulletins 5 and 6, No 960-B-6; L A Co F C D No 2828.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
Aug. 31.....	104 0	Mar. 31.....	104 0	April 30.....	109 0
Sept. 30.....	104 3	May 31.....	108 0	June 30.....	111 0
Oct. 31.....	122 0	Sept. 30.....	112 0	Aug. 31.....	114 0
Nov. 1.....	108 3	Oct. 31.....	111 0	Oct. 31.....	113 5
Dec. 31.....	108 0	Dec. 31.....	109 0	Dec. 31.....	111 0
1930—		1931—		1932—	
Jan. 31.....	104 0	Feb. 28.....	108 0	Jan. 31.....	111 0
Feb. 28.....	106 0	Mar. 31.....	110 0	Feb. 29.....	107 0

Measurements from owner.

C-961-1-11, CALIFORNIA WATER SERVICE COMPANY, BELVEDERE NO. 6. MAP 2

Location and description—75 feet east of John Street, 150 feet north of Whittier Boulevard, west of Montebello.

Reference point—Floor of pump house, at ground.

Elevation of reference point—197 1, from levels by owner.

Use—Domestic and irrigation.

Depth of well—410 feet.

Diameter of casing—12 inches.

Other numbers used—D W R Bulletins 5 and 6, No 961-B-6; L A Co F C D No 2837.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Aug. 31.....	95 6	Jan. 31.....	103 2	Feb. 28.....	107 5
Sept. 30.....	94 3	Feb. 28.....	99 0	May 31.....	110 0
Oct. 31.....	95 6	Mar. 31.....	102 5	Sept. 30.....	112 0
Dec. 31.....	102 3	May 31.....	106 5	Oct. 31.....	113 5
		Oct. 31.....	112 0	Dec. 31.....	108 0
		Dec. 31.....	109 0	1932—	
				Jan. 31.....	110 0
				Feb. 29.....	107 5

Measurements from owner.

C-962-I-11, CALIFORNIA WATER SERVICE COMPANY, BELVEDERE NO. 7. MAP 2

Location and description—125 feet east of La Verne Avenue, 175 feet north of Whittier Boulevard, west of Montebello.

Reference point—Floor of pump house, at ground.

Elevation of reference point—196.0, from levels by owner.

Use—Domestic and irrigation.

Depth of well—407 feet.

Diameter of casing—14 inches.

Other numbers used—D. W. R. Bull. tins 5 and 6, No. 962-B-6; L. A. Co. F. C. D. No. 2837A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
Aug. 31.....	104.6	June 30.....	108.0	April 30.....	109.0
Sept. 30.....	102.3	Aug. 31.....	112.8	May 31.....	110.0
Oct. 31.....	102.3	Oct. 31.....	112.0	Aug. 31.....	117.0
Dec. 31.....	106.2	Dec. 31.....	109.0	Sept. 30.....	111.7
				Oct. 31.....	118.0
1930—		1931—		Nov. 30.....	114.0
Jan. 31.....	104.3	Jan. 31.....	108.0	Dec. 31.....	111.5
Mar. 31.....	101.6	Feb. 28.....	104.5		
April 30.....	104.0	Mar. 31.....	109.8		

Measurements from owner.

C-962c-I-11, CALIFORNIA WATER SERVICE COMPANY, BELVEDERE NO. 17. MAP 2

Location and description—30 feet north of Whittier Boulevard, 120 feet east of Gerhart Street, west of Montebello.

Reference point—Top of concrete floor at ground.

Elevation of reference point—191.7 from levels by owner.

Use—Domestic and irrigation.

Other numbers used—L. A. Co. F. C. D. No. 2858.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
Aug. 31.....	92.0	April 30.....	90.0	April 30.....	93.5
Oct. 31.....	90.0	June 30.....	93.0	May 31.....	94.5
Dec. 31.....	93.0	Oct. 31.....	95.0	July 31.....	98.0
		Dec. 31.....	93.0	Nov. 30.....	98.0
1930—		1931—		1932—	
Jan. 31.....	88.0	Feb. 28.....	93.0	Jan. 31.....	97.5
Feb. 28.....	90.0	Mar. 31.....	94.0	Feb. 29.....	96.5
Mar. 31.....	89.0				

Measurements from owner.

C-963-J-11, CALIFORNIA WATER SERVICE COMPANY, BELVEDERE NO. 15. MAP 2

Location and description—150 feet north of Fourth Street, 100 feet west of Amelia Avenue, 200 feet east of Atlantic Boulevard, west of Montebello.

Reference point—Floor of pump house, at ground.

Elevation of reference point—228.4, from levels by owner.

Use—Domestic and irrigation.

Depth of well—375 feet.

Diameter of casing—16 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 963-B-6; L. A. Co. F. C. D. No. 2846.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Aug. 31.....	146.3	Jan. 31.....	151.8	Jan. 31.....	137.9
Sept. 30.....	143.2	Feb. 28.....	147.2	Feb. 29.....	137.9
Nov. 1.....	145.0	Mar. 31.....	151.8		
		May 31.....	151.8		
1930—		July 31.....	137.9		
Jan. 31.....	145.0	Sept. 30.....	140.3		
Feb. 28.....	125.0	Oct. 31.....	147.9		
Mar. 31.....	131.8	Dec. 31.....	137.9		
May 31.....	137.9				
Sept. 30.....	149.5				
Nov. 30.....	147.2				

Measurements from owner.

C-963e-H-12, SOUTHERN CALIFORNIA EDISON COMPANY, LTD. MAP 2

Location and description—250 feet west of Garfield Boulevard, 1.3 miles south of Garvey Avenue, at Newmark substation of Southern California Edison Co., Monterey Park.

Reference point—Cover, at ground.

Elevation of reference point—370, from aneroid, by D. W. R.

Use—Not used.

Depth of well—300 feet.

Diameter of casing—16 inches.

Other numbers used—L. A. Co. F. C. D. No. 2875.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
July 15.....	17.0	April 24.....	14.8	April 20.....	10.5
		Nov. 26.....	19.2	May 20.....	15.2
				Nov. 30.....	20.7

Measurements from Los Angeles County Flood Control District.

C-964e-J-11, CALIFORNIA WATER SERVICE COMPANY, BELVEDERE NO. 18. MAP 2

Location and description—50 feet east of Garhart Street extended, 50 feet south of Beverly Boulevard, west of Montebello.

Reference point—Top of concrete floor, at pump base.

Elevation of reference point—235.9, from levels by owner.

Use—Domestic and irrigation.

Other numbers used—L. A. Co. F. C. D. No. 2857A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Nov. 30.....	130.9	Feb. 28.....	133.0	Jan. 31.....	137.5
Dec. 31.....	130.0	April 30.....	136.5	Feb. 29.....	135.2
		June 30.....	141.0		
1930—		Aug. 31.....	146.2		
Feb. 28.....	127.3	Nov. 30.....	140.4		
April 30.....	129.3				
June 30.....	132.5				
Aug. 31.....	137.8				
Oct. 31.....	139.0				
Dec. 31.....	134.0				

Measurements from owner.

C-965-I-11, CALIFORNIA WATER SERVICE COMPANY, BELVEDERE NO. 10. MAP 2

Location and description—75 feet south of Washington Boulevard, 125 feet west of Ayers Avenue, west of Montebello.

Reference point—Floor of pump house, at ground.

Elevation of reference point—160.4, from levels by owner.

Use—Domestic and irrigation.

Depth of well—663 feet.

Diameter of casing—14 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 965-B-6; L. A. Co. F. C. D. No. 2829.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
Nov. 30.....	65.8	Aug. 31.....	71.3	June 30.....	72.3
Dec. 31.....	65.0	Sept. 30.....	70.8	Aug. 31.....	75.7
		Oct. 31.....	71.0	Sept. 30.....	74.3
1930—		Dec. 31.....	67.5	Nov. 30.....	71.0
Jan. 1.....	62.8				
Feb. 28.....	62.2	1931—		1932—	
Mar. 31.....	62.5	Feb. 28.....	65.5	Jan. 31.....	69.0
May 31.....	66.0	April 30.....	69.0	Feb. 29.....	67.8
July 31.....	69.8				

Measurements from owner.

C-966-I-11, CALIFORNIA WATER SERVICE COMPANY, BELVEDERE NO. 13. MAP 2

Location and description—250 feet south of Washington Boulevard, 600 feet east of Atlantic Boulevard, west of Montebello.

Reference point—Floor of pump house, at ground.

Elevation of reference point—145.7, from levels by owner.

Use—Domestic and irrigation.

Depth of well—815 feet.

Diameter of casing—14 inches.

Other numbers used—D. W. R. Bulletins 5 and 6, No. 966-B-6; L. A. Co. F. C. D. No. 2839.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
Aug. 31.....	64.0	Aug. 31.....	78.0	May 31.....	67.0
Oct. 31.....	70.0	Sept. 30.....	68.0	Aug. 31.....	75.0
Nov. 1.....	65.0	Oct. 31.....	75.0	Oct. 31.....	74.0
Dec. 31.....	59.0	Dec. 31.....	72.0	Nov. 30.....	68.0
				Dec. 31.....	65.0
1930—		1931—		1932—	
Jan. 31.....	55.0	Jan. 31.....	60.0	Jan. 31.....	64.0
Mar. 31.....	53.0	Mar. 31.....	65.0	Feb. 29.....	62.0
April 30.....	58.5	April 30.....	63.0		
June 30.....	63.0				

Measurements from owner.

C-966a-I-11, SOUTHERN CALIFORNIA EDISON COMPANY, LTD. MAP 2

Log Available

Location and description—185 feet south of 26th Street, 400 feet east of Atlantic Boulevard, at A. T. & S. F. Ry., crossing, east of Maywood. Open casing under tank.

Reference point—Top of casing at top of concrete block, 0.7 feet above ground.

Elevation of reference point—148, from U. S. G. S. topog. by L. A. Co. F. C. D.

Use—Domestic.

Depth of well—277 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 1520.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
July 2.....	38.2	Jan. 18.....	38.5	April 18.....	44.0
		April 22.....	39.6	May 13.....	38.2
		Nov. 24.....	42.4	Dec. 16.....	45.4

Measurements from Los Angeles County Flood Control District.

C-968-K-15, W. P. ESPOLT. MAP 5

Location and description—100 feet south of Whittier Boulevard, and 100 feet east of Walnut Avenue, La Habra.

Reference point—Top of casing, 1.3 feet above ground.

Elevation of reference point—350.9, from levels by State Div. E. and I.

Use—Not used.

Depth of well—139 feet.

Diameter of casing—7 inches.

Other numbers used—State Div. E. and I. No. 41, Corona Quad.; D. W. R. Bulletin 5, No. 968-F-8.

Location No. 1746A

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1930—		1931—	
Oct. 18.....	*68.6	Mar. 24.....	70.2	Jan. 30.....	70.2
		Sept. 11.....	69.8	May 26.....	70.0
1928—		Oct. 13.....	70.0	July 17.....	69.5
Dec. 13.....	*69.9	Dec. 20.....	69.9	Sept. 30.....	66.0
				Oct. 20.....	68.9
				Nov. 20.....	68.2

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-969-K-16, R. E. HODSON. MAP 5

Location and description—500 feet north of Central Avenue, 175 feet east of Palm Street, east of La Habra.

Reference point—Top of cement, at ground.

Elevation of reference point—384.4, from levels by State Div. E. and I.

Use—Not used.

Depth of well—200 feet.

Diameter of casing—7 inches.

Other numbers used—State Div. E. and I. No. 32, Corona Quad.; Location No. 1776.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1930—		1931—	
June 21.....	*79.5	Mar. 24.....	91.7	Jan. 30.....	99.7
		April 10.....	85.5	Mar. 30.....	101.7
1927—		Sept. 13.....	92.8	May 26.....	108.5
Oct. 21.....	*104.0	Oct. 13.....	93.7	July 17.....	95.1
		Dec. 20.....	93.1	Sept. 30.....	97.4
1928—				Oct. 20.....	90.0
Dec. 13.....	92.8			Nov. 20.....	99.7

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-971-K-16, J. D. SEIVER. MAP 5

Location and description—100 feet east of Palm Street and 0.2 miles south of P. E. Ry., east of La Habra.

Reference point—Top of clamp, 1.4 feet above ground.

Elevation of reference point—308.3, from levels by State Div. E. and I.

Use—Domestic.

Diameter of casing—7 inches.

Other numbers used—D. W. R. Bulletin 5, No. 971-G-8; State Div. E. and I. No. 31, Corona Quad.; Location No. 1778.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Dec. 13.....	21.8	April 11.....	19.5	Jan. 30.....	24.0
		Sept. 12.....	26.0	Mar. 30.....	25.1
		Oct. 13.....	24.0	May 26.....	24.6
		Dec. 20.....	24.2	July 17.....	28.7
				Sept. 30.....	25.3
				Nov. 20.....	25.9

Measurements from Orange County Flood Control District.

C-973b-L-16, MRS. TOMBS. MAP 3

Location and description—250 feet north of Madison Avenue, extended 250 feet west of Placentia Avenue, north of Placentia.

Reference point—Bottom edge of pump base on concrete, 0.2 feet above ground.

Elevation of reference point—249, estimate by S. G. V. P. A.

Use—Irrigation and domestic.

Depth of well—200 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 15621.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—			
Nov. 1.....	85.0	Jan. 16.....	87.9		
		April 28.....	88.4		
		July 29.....	89.1		
		Nov. 3.....	89.8		

Measurements from San Gabriel Valley Protective Association.

C-974g-L-16, MRS. S. MATTER. MAP 3

Location and description—65 feet south of Dorothy Lane, 200 feet west of Raymond Avenue, 2800 feet north of Chapman Avenue, Fullerton.

Reference point—Top of casing and concrete, 0.5 feet above ground.

Elevation of reference point—260, estimate by S. G. V. P. A.

Use—Not used.

Diameter of casing—5 inches.

Other numbers used—Location No. 1191.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—			
Nov. 5.....	116.2	April 28.....	122.0		
Dec. 14.....	116.6	July 29.....	123.4		
		Sept. 3.....	124.4		
		Oct. 28.....	125.3		

Measurements from San Gabriel Valley Protective Association.

C-974 l-N-16, ANAHEIM UNION WATER COMPANY, CROWTHER NO. 1. MAP 3

Log Available

Location and description—50 feet south of Orangethrope Avenue, 50 feet west of Placentia Avenue, northeast of Anaheim.

Reference point—Top of casing, 0.9 feet above ground.

Elevation of reference point—197.8, from levels by Hoy.

Use—Not used.

Depth of well—408 feet.

Diameter of casing—16 inches.

Other numbers used—State Div. E. and I. No. 244a, Corona Quad.; Location No. 15614C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1927—		1928—	
Jan. 7.....	135.0	Mar. 1.....	124.2	April 18.....	115.0
May 7.....	120.0	May 14.....	111.4	Aug. 14.....	*136.0
July 19.....	127.0	Aug. 26.....	126	Nov. 15.....	*130.5
Sept. 30.....	131.2	Nov. 12.....	125		
				1929—	
				Feb. 1.....	*130

* Measurement from Orange County Flood Control District.

Measurements from Hoy except as noted.

C-974m-L-16, FULLERTON UNION HIGH SCHOOL. MAP 3

Location and description—640 feet north of Chapman Avenue and 100 feet west of Harvard Avenue, Fullerton.

Reference point—Air gauge 1.4 feet above concrete floor and ground.

Elevation of reference point—180, from aneroid by D. W. R.

Use—Domestic.

Depth of well—500 feet.

Diameter of casing—12 inches.

Other numbers used—O. Co. F. C. D. No. 5P-45; Location No. 1182B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1929—		1931—	
Nov. 27.....	119.0	June 6.....	135.0	Jan. 1.....	147.0
		Dec. 29.....	140.0	Feb. 1.....	145.0
1927—				April 1.....	148.0
Dec. 19.....	120.0	1930—		June 1.....	152.0
		Mar. 17.....	138.0	Aug. 1.....	156.0
1928—		April 7.....	137.0	Oct. 1.....	158.0
April 14.....	113.0	June 6.....	140.0	Nov. 1.....	161.0
July 9.....	109.0	Aug. 1.....	153		
Dec. 29.....	119.0	Oct. 2.....	148	1932—	
		Dec. 1.....	149	Mar. 1.....	148.0

Measurements by owner and obtained from Orange County Flood Control District.

C-974n-M-16, ANAHEIM UNION WATER COMPANY—CROWTHER NO. 5. MAP 3

Log Available

Location and description—100 feet west of Placentia Avenue, 55 feet south of Orangethorpe Avenue, northeast of Anaheim 10 feet east of pump house.

Reference point—Top of casing, 0.9 feet above ground.

Elevation of reference point—197.8, from levels by O. Co. F. C. D. from local B. M.

Use—Municipal.

Depth of well—510 feet.

Diameter of casing—20 inches.

Other numbers used—O. Co. F. C. D. No. 3P-2; Location No. 15614D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Feb. 1.....	148.1	Jan. 27.....	156.3	Jan. 4.....	164.7
May 7.....	146.3	Feb. 26.....	155.2		
Sept. 17.....	159.9	May 6.....	157.4		
Dec. 18.....	157.9	June 9.....	159.0		
		Nov. 20.....	167.5		

Measurements from Orange County Flood Control District.

C-975a-L-15, ALPHONSE HILTSCHER. MAP 3

Location and description—90 feet east of Euclid Avenue and 140 feet north of Orangethorpe Avenue, north of Anaheim.

Reference point—(a) Top of tin cover over casing, 0.6 feet above ground; (b) Edge of concrete, at ground; (c) Top of 2' x 3' on top of casing.

Elevation of reference point—(a) 134.0; (b) 133.7; (c) 133.4; from levels by O. Co. F. C. D. from local B. M.

Use—Domestic.

Depth of well—113 feet.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. No. 3P-22; Location No. 1154.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
July 28.....	a ^d 80.7	Feb. 18.....	a ^d 79.4	Jan. 21.....	b ^d 89.0
Nov. 23.....	a ^d 75.7	May 20.....	c ^e 82.9	Feb. 25.....	b ^d 87.8
Dec. 13.....	a ^d 64.3	June 14.....	a ^d 90.1	Mar. 24.....	b ^d 90.6
		Aug. 30.....	a ^d 96.0	May 12.....	b ^d 91.3
1929—		Oct. 3.....	a ^d 94.3	June 12.....	b ^d 96.3
April 15.....	a ^d 73.6	Nov. 28.....	a ^d 91.6	July 10.....	c ^e 100.3
June 29.....	a ^d 83.9	Dec. 11.....	a ^d 90.2	Sept. 18.....	c ^e 103.1
Aug. 22.....	a ^d 88.1			Nov. 10.....	c ^e 100.3
Sept. 13.....	a ^d 88.9				
Nov. 30.....	a ^d 86.7			1932—	
				Jan. 19.....	c ^e 94.9

a^d Reference point (a) used.

b^d Reference point (b) used.

c^e Reference point (c) used.

d^d Measurement from San Gabriel Valley Protective Association.

e^e Measurement from Orange County Flood Control District.

C-975b-L-15, C. G. COGGESHALL. MAP 3

Location and description—500 feet west of Spadra Road and 100 feet north of Orangethorpe Avenue, north of Anaheim.

Reference point—Top of casing, 2 feet above ground, to and including April 26, 1930; then, top of 2-inch block, 2.2 feet above ground.

Elevation of reference point—150.9, to and including April 26, 1930; then, 151.1; from levels by O. Co. F. C. D. from local B. M.

Use—Domestic.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. No. 3P-8; Location No. 1174.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 6.....	a ^d 58.1	Jan. 15.....	a ^d 61.5	Jan. 23.....	63.8
		April 26.....	a ^d 62.2	April 16.....	64.1
1929—		May 21.....	62.4	May 6.....	64.2
April 22.....	a ^d 59.1	June 19.....	77.4	July 10.....	66.6
		Oct. 8.....	63.3	Aug. 14.....	67.6
		Dec. 27.....	63.7	Nov. 10.....	65.5
				1932—	
				Jan. 19.....	66.6

a^d Measurement from San Gabriel Valley Protective Association.

Measurements from Orange County Flood Control District except as noted.

C-975h-M-16, S. M. CARPP. MAP 3

Location and description—180 feet west of Raymond Avenue, 1700 feet north of Norton Street (La Palma Avenue), north of Anaheim.

Reference point—Top of outlet hole in pump head, 0.5 feet above ground.

Elevation of reference point—171, estimate by S. G. V. P. A.

Use—Irrigation.

Depth of well—378 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 1194B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 29.....	116.7	Jan. 15.....	124.4	Jan. 23.....	130.9
Dec. 17.....	112.1	April 28.....	126.8	Feb. 6.....	130.4
		July 28.....	132.7		
1929—		Oct. 28.....	137.2		
April 15.....	111.7				

Measurements from San Gabriel Valley Protective Association.

C-975 I-L-15, PAUL NICOLAS. MAP 3

Location and description—340 feet west of Nicholas Avenue (Euclid Avenue), 0.6 miles north of Orangethorpe Avenue, 370 feet south of A. T. & S. F. Ry., Fullerton.

Reference point—Top of casing, at ground.

Elevation of reference point—139, estimate by S. G. V. P. A.

Use—Irrigation and domestic.

Depth of well—240 feet.

Other numbers used—Location No. 1153A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
May 4.....	70.4	Jan. 3.....	80.3	Feb. 25.....	81.4
June 29.....	79.3	Feb. 18.....	75.3	Mar. 24.....	84.7
Aug. 3.....	82.5	Mar. 22.....	74.7	May 15.....	85.6
Aug. 29.....	88.3	May 6.....	76.3	Aug. 7.....	97.1
Sept. 26.....	83.4	June 28.....	87.4	Sept. 18.....	101.0
Nov. 30.....	82.5	Oct. 3.....	90.4	Nov. 13.....	98.9
		Oct. 31.....	99.0	Dec. 23.....	90.2
		Nov. 13.....	91.4		
		Dec. 11.....	84.3	1932—	
				Jan. 29.....	88.1

Measurements from San Gabriel Valley Protective Association.

C-975n-L-16, EDWARD SELLS. MAP 3

Log Available

Location and description—200 feet north of Orangethorpe Avenue, 350 feet east of A. T. & S. F. Ry., north of Anaheim.

Reference point—Top of casing, 1.7 feet above ground.

Elevation of reference point—168.2, from levels by O. Co. F. C. D. from local B. M.

Use—Domestic.

Depth of well—200 feet.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. No. 3P-7; Location No. 1194D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 6.....	*105.3	Jan. 15.....	*114.9	Feb. 21.....	122.6
Dec. 13.....	*105.1	April 28.....	*115.0	April 16.....	123.2
		July 28.....	*117.6	June 9.....	123.9
1929—		Nov. 12.....	121.6	July 10.....	125.1
April 15.....	*104.7	Dec. 27.....	122.6	Aug. 14.....	126.6
				1932—	
				Jan. 19.....	*129.6

* Measurement from San Gabriel Valley Protective Association.

Measurements from Orange County Flood Control District except as noted.

C-976c-M-15, CITY OF FULLERTON NO. 1. MAP 3

Log Available

Location and description—363 feet north of La Palma Avenue and 122 feet west of Palm Avenue (Spadra Road), Fullerton.

Reference point—At ground.

Elevation of reference point—152.9, from levels by City of Fullerton.

Use—Municipal.

Depth of well—424 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 1175D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—		1928—		1930—	
Oct. 1-----	84	Jan. 1-----	92	Feb. 1-----	108.8
1925—		June 1-----	90	April 1-----	107.6
Feb. 1-----	77	Sept. 1-----	100	June 10-----	118
April 1-----	90 5	Dec. 1-----	106	Aug. 1-----	127
July 1-----	94	1929—		Oct. 15-----	123
Nov. 1-----	80	Feb. 1-----	97	Dec. 13-----	117
1926—		April 1-----	96	1931—	
Feb. 1-----	90	June 1-----	104	Feb. 15-----	114
April 1-----	101	Aug. 1-----	108.5	April 28-----	119
Aug. 1-----	106	Oct. 24-----	117	June 24-----	127
Nov. 1-----	106	Dec. 9-----	111	Aug. 25-----	135
1927—				Oct. 11-----	129
Jan. 1-----	103			Dec. 28-----	122
June 1-----	96			1932—	
Aug. 1-----	103			Jan. 25-----	121

Measurements from City of Fullerton.

C-978-M-16, HENRY WAGNER. MAP 3

Log Available

Location and description—50 feet west of Placentia Avenue at end of Wagner Street, east of Anaheim. Casing in open pit.

Reference point—Hole in side of pump, 0.5 feet above ground, to and including April 23, 1928; then, top of 1½-inch plug in east side of pump head, at ground, to and including October 28, 1930; then, air gage, at ground.

Elevation of reference point—174.5, to and including April 23, 1928; then, 174.0; from levels by O. Co. F. C. D., from local B. M.

Use—Irrigation.

Depth of well—408 feet.

Diameter of casing—16 inches.

Other numbers used—D. W. R. Bulletin 5, No. 978-G-10; State Div. E. and I. No. 112, Corona Quad.; Location No. 15617.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 2-----	^a 112.0	Jan. 15-----	^b 129.4	Feb. 26-----	136.1
April 23-----	^a 105.0	April 28-----	^b 130.3	Mar. 24-----	139.4
Nov. 3-----	^b 119.2	Oct. 28-----	^b 142.2	May 25-----	136.4
Dec. 17-----	^b 115.7	Dec. 18-----	135.9	June 9-----	137.4
1929—				Aug. 22-----	132.5
April 15-----	^b 114.6			Oct. 19-----	131.4
				1932—	
				Jan. 4-----	129.4

^a Measurement from Division of Water Resources.

^b Measurement from San Gabriel Valley Protective Association.

Measurements from Orange County Flood Control District except as noted.

C-978a-M-16, MRS. ANNETTA HOSKINS. MAP 3

Location and description—225 feet south of Ball Road, 850 feet west of Los Angeles Street, south of Anaheim.

Reference point—Lower edge of lower flange on pump head, 0.3 feet above concrete floor and 1 foot above ground.

Elevation of reference point—150, estimate by S. G. V. P. A.

Use—Irrigation and domestic.

Depth of well—468 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 1188.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 5.....	104.7	Jan. 15.....	110.1	Mar. 16.....	117.9
Dec. 17.....	99.5	April 26.....	112.5	April 17.....	125.1
		July 28.....	120.5	May 15.....	118.9
1929—		Sept. 3.....	124.4	June 12.....	124.6
April 23.....	99.6			Oct. 6.....	130.1
				Nov. 3.....	131.4
				Dec. 21.....	122.2
				1932—	
				Jan. 4.....	120.7
				Feb. 2.....	119.6

Measurements from San Gabriel Valley Protective Association.

C-979b-M-15, E. J. MORTON. MAP 3

Location and description—260 feet east of Euclid Avenue, 130 feet south of Orange Avenue, west of Anaheim.

Reference point—Bottom edge of flange on pump head, 1 foot above ground, to and including October 31, 1930; then, top of casing, at ground.

Elevation of reference point—126 to and including October 31, 1930, then, 125; estimate by S. G. V. P. A.

Use—Domestic.

Depth of well—113 feet.

Diameter of casing—8 inches.

Other numbers used—Location No. 1167.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 28.....	76.4	Jan. 17.....	85.9	Feb. 25.....	87.6
Dec. 13.....	75.3	Mar. 22.....	81.3	April 21.....	91.1
		May 6.....	83.1	May 15.....	90.2
1929—		July 15.....	85.4	June 12.....	92.5
April 15.....	73.0	Aug. 18.....	87.7	Aug. 21.....	96.1
June 22.....	77.1	Oct. 31.....	91.1	Nov. 13.....	98.0
Aug. 22.....	81.0	Dec. 11.....	89.5	Dec. 23.....	96.0
Oct. 3.....	84.0				
Nov. 15.....	83.4			1932—	
				Jan. 29.....	94.4

Measurements from San Gabriel Valley Protective Association.

C-979c-M-15, F. K. DAY. MAP 3

Location and description—150 feet west of Euclid Avenue, 900 feet north of Crescent Avenue, west of Anaheim.

Reference point—Top of casing, 0.8 feet above ground.

Elevation of reference point—141, estimate by S. G. V. P. A.

Use—Domestic.

Depth of well—143 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 1155A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 28.....	70.8	Jan. 24.....	85.2	Feb. 25.....	90.9
Dec. 13.....	71.7	Mar. 22.....	84.2	April 21.....	96.3
		May 17.....	84.9	May 7.....	94.3
1929—		June 14.....	90.3	June 12.....	96.9
April 15.....	71.6	Aug. 18.....	93.0	July 24.....	100.6
June 22.....	72.2	Oct. 31.....	95.8	Sept. 18.....	102.9
Sept. 13.....	88.0	Dec. 11.....	92.9	Nov. 5.....	103.4
Nov. 15.....	88.4			Dec. 23.....	100.0
Dec. 20.....	86.7				
				1932—	
				Jan. 29.....	98.2

Measurements from Sao Gabriel Valley Protective Association.

C-979c-M-15, MRS. CONSTANCE ALLGEYER. MAP 3

Location and description—75 feet north of La Palma Avenue, 110 feet east of Brookhurst Avenue, 4 feet north of automatic pressure system well, west of Anaheim.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—118.6, estimate by S. G. V. P. A.

Use—Not used.

Depth of well—160 feet.

Diameter of casing—4 inches.

Other numbers used—Location No. 1145B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 28.....	56.4	Jan. 24.....	52.0	Jan. 12.....	50.8
Nov. 22.....	54.2	Mar. 22.....	59.8	Feb. 18.....	50.9
		April 24.....	66.8	April 21.....	51.5
1929—		June 14.....	53.5	June 12.....	55.4
April 22.....	60.1	July 15.....	67.8	July 24.....	72.5
May 25.....	51.4	Aug. 18.....	49.6	Sept. 4.....	93.4
June 7.....	57.3	Sept. 18.....	61.1	Nov. 28.....	86.4
Aug. 15.....	63.9	Oct. 16.....	50.7	Dec. 23.....	83.8
Sept. 5.....	50.5	Dec. 11.....	50.5		
Oct. 11.....	51.7			1932—	
Nov. 1.....	64.9			Jan. 29.....	81.9
Dec. 20.....	50.6				

Measurements from San Gabriel Valley Protective Association.

C-979h-M-15, C. G. PORTER. MAP 3

Location and description—165 feet west of Euclid Avenue, 1450 feet north of La Palma Avenue, 115 feet north of Remney Drive, northwest of Anaheim.

Reference point—Bottom edge of pump base at concrete, 0.5 feet above ground.

Elevation of reference point—134.0, estimate by S. G. V. P. A.

Use—Domestic.

Depth of well—100 feet.

Diameter of casing—6 inches.

Other numbers used—Location No. 1155B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 6.....	68.3	Jan. 17.....	69.0	Jan. 21.....	78.2
Dec. 17.....	68.2	Mar. 22.....	73.8	Mar. 24.....	78.3
		May 29.....	74.0	May 22.....	78.9
1929—		July 31.....	75.4	Nov. 28.....	80.1
April 22.....	67.8	Oct. 3.....	76.7		
June 22.....	69.2	Dec. 11.....	78.0		
Aug. 22.....	70.8				
Oct. 11.....	71.8				
Dec. 7.....	72.9				

Measurements from San Gabriel Valley Protective Association.

C-980-L-15, MORRIS SMITH. MAP 3

Location and description—200 feet west of Brookhurst Avenue and 100 feet north of Orangethorpe Avenue, northwest of Anaheim.

Reference point—Top of casing, 1.2 feet above ground.

Elevation of reference point—113.3, from levels by State Div. E. and I.

Use—Domestic and irrigation.

Depth of well—385 feet.

Diameter of casing—7 inches.

Other numbers used—D. W. R. Bulletin 5, No. 980-F-9; State Div. E. and I. No. 105, Corona Quad.; Location No. 1144.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—Cont.		1930—Cont.	
Nov. 8.....	*55.2	Sept. 5.....	78.1	Aug. 18.....	80.1
1928—		Nov. 1.....	74.7	Oct. 3.....	83.7
April 26.....	*58.0	Dec. 14.....	70.8	Dec. 11.....	72.9
Nov. 6.....	67.1				
Dec. 22.....	51.0	1930—		1931—	
1929—		Jan. 17.....	68.7	Feb. 18.....	69.3
April 22.....	57.0	Mar. 13.....	63.1	Mar. 18.....	73.1
June 7.....	69.3	May 6.....	65.4	April 14.....	82.4
Aug. 8.....	76.5	June 14.....	78.3	May 7.....	74.6
		July 15.....	81.5		

* Measurement from Division of Water Resources.

Measurements from San Gabriel Valley Protective Association except as noted.

C-980a-M-14, D. R. WILLIAMS. MAP 3

Location and description—100 feet north of S. P. R. R., 200 feet west of Magnolia Avenue, south of Buena Park.

Reference point—Top of casing, 9.8 feet above ground.

Elevation of reference point—97.3, estimate by S. G. V. P. A.

Use—Irrigation and domestic.

Depth of well—140 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 1124.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 27.....	19.1	Feb. 10.....	21.7	Jan. 28.....	24.4
Dec. 12.....	18.5	April 24.....	22.2	Mar. 24.....	24.8
		July 15.....	23.6	Nov. 28.....	26.9
1929—		Sept. 18.....	24.4		
April 20.....	19.1	Nov. 28.....	24.4		
June 7.....	20.5				
Aug. 8.....	21.6				
Oct. 17.....	22.0				
Dec. 14.....	22.2				

Measurements from San Gabriel Valley Protective Association.

C-981d-L-14, F. DAGGI. MAP 3

Location and description—120 feet north of Valencia Drive and 35 feet east of Dale Avenue extended, south of Buena Park.

Reference point—Top of iron clamp around 2-inch pipe in well, 1.8 feet above ground.

Elevation of reference point—88.1, estimate by S. G. V. P. A.

Use—Domestic.

Depth of well—160 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 1113.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 9.....	47.5	Feb. 11.....	41.3	Jan. 12.....	48.7
		Mar. 22.....	39.4	Feb. 25.....	45.7
1929—		May 17.....	48.7	May 7.....	51.6
April 20.....	35.2	June 14.....	56.4	June 12.....	61.6
June 7.....	50.8	Aug. 30.....	63.0	Aug. 7.....	69.0
Aug. 8.....	56.9	Oct. 31.....	58.2	Oct. 2.....	66.3
Sept. 19.....	57.3	Dec. 11.....	50.1	Nov. 5.....	64.6
Dec. 14.....	51.2				
				1932—	
				Jan. 5.....	53.1

Measurements from San Gabriel Valley Protective Association.

C-981m-M-14, JAMES WATSON. MAP 3

Location and description—175 feet south of Orangethorpe Avenue and 200 feet east of Stanton Avenue, south of Buena Park.

Reference point—Top of casing, 1.2 feet above ground.

Elevation of reference point—82.2, from levels by O. Co. F. C. D., from local B. M.

Use—Domestic.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. No. 1P-29; Location No. 1104A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
April 28.....	26.4	Jan. 13.....	29.1	Jan. 11.....	30.1
June 13.....	30.1	Feb. 19.....	27.3		
July 16.....	32.5	April 2.....	31.1		
Sept. 10.....	34.4	June 2.....	32.1		
Oct. 2.....	33.8	Aug. 11.....	37.4		
Dec. 8.....	30.0	Oct. 6.....	36.4		
		Dec. 4.....	32.7		

Measurements from Orange County Flood Control District.

C-982a-M-14, FRED LAW. MAP 3

Location and description—2000 feet south of Lincoln Avenue, 100 feet east of Stanton Avenue, north of Stanton.

Reference point—Top of 4-inch casing, 0.7 feet above ground.

Elevation of reference point—78, estimate by S. G. V. P. A.

Use—Domestic.

Depth of well—87 feet.

Diameter of casing—4 inches.

Other numbers used—Location No. 1107.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 27.....	28.8	Feb. 11.....	25.7	Feb. 18.....	28.5
Dec. 12.....	23.2	Mar. 24.....	25.5	Mar. 24.....	35.5
		May 29.....	30.2	May 29.....	31.9
1929—		July 15.....	38.3	June 12.....	38.4
April 20.....	23.2	Oct. 16.....	34.8	Aug. 7.....	42.5
July 12.....	30.9	Dec. 10.....	30.0	Oct. 2.....	36.0
July 27.....	37.4			Dec. 23.....	32.1
Oct. 17.....	30.8				
Dec. 19.....	29.8			1932—	
				Jan. 29.....	30.6

Measurements from San Gabriel Valley Protective Association.

C-982b-M-14, TIM DALY. MAP 3

Location and description—300 feet east of Stanton Avenue, 600 feet north of Crescent Avenue, south of Buena Park.

Reference point—Top of coupling on casing, 0.2 feet above ground.

Elevation of reference point—82, estimate by S. G. V. P. A.

Use—Domestic.

Depth of well—95 feet.

Diameter of casing—4 inches.

Other numbers used—Location No. 1105.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 27.....	26.1	Mar. 13.....	25.1	Jan. 12.....	28.5
Dec. 12.....	22.7	May 17.....	26.0	Feb. 25.....	27.7
		June 11.....	30.0	April 14.....	31.2
1929—		Aug. 29.....	31.4	June 12.....	31.7
April 20.....	22.6	Oct. 16.....	31.0	July 24.....	33.1
June 29.....	27.7	Dec. 10.....	28.5	Sept. 18.....	33.8
Aug. 3.....	29.1			Oct. 29.....	31.8
Oct. 11.....	28.6			Dec. 23.....	30.6
Dec. 7.....	27.7				
				1932—	
				Jan. 29.....	29.5

Measurements from San Gabriel Valley Protective Association.

C-9821-M-14, GEORGE McGUIRE. MAP 3

Location and description—0.1 miles east of Dale Avenue, 100 feet north of Lincoln Avenue, south of Buena Park.

Reference point—Top of blocks, 1.5 feet above ground, to and including August 27, 1925; then, top of casing, 1 foot above ground, to and including November 12, 1930; then, top of concrete base, 0.4 feet above ground.

Elevation of reference point—92.2, to and including August 27, 1925; then, 91.7, to and including November 12, 1930; then, 91.1; from levels by Hoy.

Use—Domestic.

Depth of well—115 feet.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. No. 3P-33, Hoy No. 13; State Div. E. and I. No. 219, Corona Quad.; Location No. 1116B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1926—		1930—	
May 19.....	*22.4	May 21.....	b35.9	Jan. 18.....	37.7
June 8.....	*21.2	July 2.....	b41.6	Mar. 7.....	35.2
July 22.....	*30.3	Oct. 4.....	b35.7	May 13.....	36.1
Sept. 28.....	*31.7	Nov. 13.....	b43.5	June 13.....	42.0
				Sept. 11.....	42.2
1922—		1927—		Nov. 12.....	44.2
Mar. 20.....	*18.5	Jan. 1.....	b30.4		
May 31.....	*22.0	April 10.....	b27.0	1931—	
Aug. 8.....	*26.1	July 9.....	b39.5	Jan. 13.....	39.4
Nov. 23.....	*24.5	Nov. 8.....	b30.8	Feb. 18.....	36.4
				April 2.....	44.2
1923—		1928—		May 29.....	41.1
Feb. 28.....	*18.9	Jan. 19.....	b28.6	June 2.....	43.7
Aug. 17.....	*28.8	April 24.....	b33.9	July 1.....	46.8
Nov. 28.....	*25.4	Sept. 14.....	39.3	Sept. 2.....	49.5
		Nov. 9.....	33.4	Oct. 6.....	45.4
1924—		1929—		Nov. 3.....	47.5
Aug. 26.....	*30.1	Feb. 18.....	31.5	Dec. 2.....	43.1
Dec. 4.....	*26.0	May 31.....	36.3		
		Aug. 23.....	40.7	1932—	
1925—		Nov. 15.....	43.1	Jan. 11.....	41.8
Feb. 10.....	*25.8				
Dec. 31.....	31.8				

* Measurement from United States Geological Survey.

b Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District, except as noted.

C-983-M-14, MR. GRUENING. MAP 3

Location and description—100 feet north of Lincoln Avenue and 80 feet west of Magnolia Avenue, south of Buena Park.

Reference point—Top of casing, 1.3 feet above ground, to and including January 28, 1931; then, bottom of 2-inch piece on casing, 0.5 feet above ground.

Elevation of reference point—93.4, to and including January 28, 1931; then, 92.6; from levels by O. Co. F. C. D., from local B. M.

Use—Domestic.

Depth of well—140 feet.

Diameter of casing—6 inches.

Other numbers used—D. W. R. Bulletin 5, No. 983-E-10; State Div. E. and I. No. 39, Corona Quad.; Location No. 1126.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1930—		1931—	
Nov. 8.....	*32.2	Jan. 11.....	38.1	Feb. 18.....	b40.1
		Mar. 24.....	36.6	April 2.....	b42.9
1928—		June 28.....	40.3	June 2.....	b43.1
Mar. 8.....	*29.5	Aug. 30.....	43.6	Aug. 11.....	b47.2
April 24.....	*31.6	Oct. 31.....	44.3	Sept. 2.....	b47.7
Nov. 22.....	34.2	Dec. 11.....	42.4	Oct. 6.....	b45.8
Dec. 12.....	33.4			Dec. 2.....	b44.6
1929—				1932—	
April 20.....	38.9			Jan. 11.....	b43.4
May 3.....	33.9				
Aug. 8.....	42.1				
Oct. 17.....	39.4				

* Measurement from Division of Water Resources.

b Measurement from Orange County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-983a-M-14, AUGUST JUNGKEIT. MAP 3

Location and description—300 feet west of Magnolia Avenue, 150 feet south of Orange Avenue, north of Stanton.

Reference point—Bottom of 1-inch cleat nailed to timbers across pit under pump at pit level and ground, to and including February 12, 1931; then, top of ½-inch pipe beside pump base, 0.8 feet above ground.

Elevation of reference point—84, to and including February 12, 1931; then, 84.8; estimate by S. G. V. P. A.

Use—Irrigation.

Depth of well—160 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 1127.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 27.....	51.3	Feb. 11.....	45.2	Feb. 12.....	49.6
Dec. 12.....	40.7	May 17.....	47.2	May 7.....	55.4
		July 15.....	63.8	June 26.....	69.9
1929—		Sept. 18.....	60.1	Aug. 7.....	71.0
April 15.....	40.2	Nov. 28.....	53.5	Oct. 2.....	64.9
June 7.....	51.2			Dec. 10.....	57.4
Aug. 8.....	60.1			1932—	
Sept. 5.....	68.4			Jan. 5.....	55.9
Oct. 24.....	54.7				
Dec. 14.....	50.3				

Measurements from San Gabriel Valley Protective Association.

C-983e-M-15, STOLT AND HEIN WELL COMPANY. MAP 3

Location and description—200 feet south of Lincoln Avenue, 800 feet west of Brookhurst Avenue, west of Anaheim.

Reference point—Top of hole in pump head for air line near pump base on east side, 0.5 feet above ground, to and including June 22, 1929; then, top of 2-inch outlet hole in pump head, 1 foot above ground, to and including March 31, 1931; then, top of 2-inch outlet hole in pump head for airline, 1.5 feet above ground.

Elevation of reference point—107.5, to and including June 22, 1929; then, 108.0 to and including March 31, 1931; then, 108.5; estimate by S. G. V. P. A.

Use—Irrigation.

Depth of well—402 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 1136.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 28.....	69.4	Jan. 3.....	74.0	Jan. 21.....	70.9
Dec. 17.....	59.0	Feb. 11.....	66.0	Feb. 12.....	69.6
		May 17.....	68.0	Mar. 24.....	73.8
1929—		June 14.....	74.4	May 6.....	78.3
April 22.....	58.7	Sept. 18.....	84.9	July 24.....	94.5
June 7.....	69.9	Oct. 16.....	82.7	Sept. 18.....	92.4
Aug. 3.....	78.7	Dec. 11.....	71.1	Oct. 15.....	90.1
Sept. 13.....	79.3			Dec. 23.....	79.7
Oct. 17.....	75.4			1932—	
Dec. 14.....	72.0			Jan. 29.....	78.1

Measurements from San Gabriel Valley Protective Association.

C-983f-M-14, B. B. WINTERS. MAP 3

Location and description—110 feet west of Magnolia Avenue, 1400 feet south of La Palma Avenue, south of Buena Park.

Reference point—Top of casing, 0.7 feet above ground.

Elevation of reference point—98, estimate by S. G. V. P. A.

Use—Domestic.

Depth of well—90 feet.

Diameter of casing—4 inches.

Other numbers used—Location No. 1125.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 27.....	36.2	Jan. 11.....	37.9	Jan. 21.....	41.3
Nov. 22.....	35.0	Mar. 13.....	38.1	Mar. 4.....	40.9
Dec. 12.....	34.5	May 17.....	38.7	May 7.....	42.3
		July 31.....	41.4	July 24.....	43.8
1929—		Sept. 18.....	41.9	Oct. 2.....	44.7
April 20.....	34.7	Nov. 13.....	42.1	Oct. 29.....	Sealed
June 22.....	37.9				
Aug. 8.....	38.9				
Nov. 8.....	39.7				

Measurements from San Gabriel Valley Protective Association.

C-983p-M-15, PETE ORTIZ. MAP 3

Location and description— $\frac{1}{4}$ mile north of Ball Road, 200 feet west of Brookhurst Avenue, west of Anaheim.

Reference point—Top of clamp, 0.5 feet above base, at ground.

Elevation of reference point—104.7, from levels by O. Co. F. C. D., from local B. M.

Use—Domestic.

Depth of well—100 feet.

Diameter of casing—5 inches.

Other numbers used—O. Co. F. C. D. No. 2P-28; Location No. 1147.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Oct. 8.....	63.3	Feb. 21.....	62.5	Jan. 19.....	67.6
Dec. 29.....	63.5	April 16.....	64.4		
		June 9.....	64.7		
		Sept. 21.....	67.5		
		Nov. 10.....	68.4		

Measurements from Orange County Flood Control District.

C-984b-N-14, T. W. CLARK. MAP 3

Location and description—420 feet south of Cerritos Street, 100 feet west of Western Avenue, 10 feet northwest of C-984a-N-14, west of Stanton.

Reference point—Top of $\frac{3}{4}$ -inch hole in north side of casing, 1.2 feet below ground.

Elevation of reference point—58.9, estimate by S. G. V. P. A.

Use—Not used.

Diameter of casing—6 inches.

Other numbers used—Location No. 1099A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 25.....	31.0	Jan. 22.....	23.7	Jan. 20.....	27.1
Nov. 16.....	22.7	Mar. 5.....	22.3	Feb. 24.....	26.2
Dec. 12.....	19.4	May 28.....	29.8	April 21.....	39.1
		July 12.....	35.5	May 15.....	31.8
1929—		Aug. 13.....	39.4	July 10.....	46.6
April 15.....	19.3	Oct. 1.....	36.6	Aug. 21.....	45.8
June 20.....	32.5	Dec. 10.....	28.4	Nov. 30.....	32.9
Sept. 13.....	38.5				
Nov. 13.....	31.7				

Measurements from San Gabriel Valley Protective Association.

C-985-N-14, JOSEPH DESPORT. MAP 4

Location and description—300 feet east of S. P. R. R., 100 feet south of Katella Avenue, Stanton.
Reference point—Top of casing, at ground, to and including September 11, 1931; then, hole in pump base, 0.8 feet above ground.
Elevation of reference point—59.8, to and including September 11, 1931, then, 60.6; from levels by O. Co. F. C. D., from local B. M.
Use—Irrigation.
Depth of well—131 feet.
Diameter of casing—10 inches.
Other numbers used—O. Co. F. C. D. No. 3P-51, State Div. E. and I. No. 29, Corona Quad.; D. W. R. Bulletin 5, No. 985-E-11; Location No. 1109C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1929—		1931—	
June 14.....	a9.1	April 20.....	b17.8	Jan. 6.....	26.5
		June 8.....	b26.4	Mar. 23.....	30.0
1925—		Aug. 15.....	b32.4	April 18.....	34.8
Sept. 21.....	a22.4	Oct. 3.....	b27.6	May 15.....	28.6
		Dec. 12.....	b24.7	July 6.....	36.1
1927—				Aug. 10.....	38.2
Oct. 28.....	a21.0	1930—		Oct. 3.....	36.8
		Jan. 9.....	b23.4	Dec. 5.....	30.5
1928—		Mar. 21.....	20.2		
Mar. 8.....	a12.4	June 2.....	25.3		
April 24.....	b17.7	Sept. 5.....	36.4		
Nov. 10.....	b21.6	Oct. 3.....	32.8		
Dec. 21.....	b16.4	Dec. 22.....	27.0		

a Measurement from Division of Water Resources.

b Measurement from San Gabriel Valley Protective Association.

Measurements from Orange County Flood Control District, except as noted.

C-986-N-14, ORANGE COUNTY NURSERY (FORMERLY MR. HILL). MAP 4

Location and description—200 feet south of Katella Avenue, 200 feet west of Magnolia Avenue, Stanton.
Reference point—Top of casing, 0.7 feet above ground.
Elevation of reference point—79.2, from levels by O. Co. F. C. D. from local B. M.
Use—Domestic.
Depth of well—150 feet.
Diameter of casing—6 inches.
Other numbers used—O. Co. F. C. D. No. 3P-50; State Div. E. and I. No. 27, Corona Quad.; D. W. R. Bulletin 5, No. 986-E-11; Location No. 1129.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1929—		1931—	
June 14.....	a15.8	April 20.....	29.4	Jan. 14.....	37.4
		June 21.....	34.4	Feb. 17.....	b36.6
1924—		Sept. 13.....	36.5	April 2.....	b40.2
Oct. 23.....	a22.5	Oct. 17.....	35.8	Sept. 11.....	b43.4
		Dec. 18.....	35.2	Nov. 9.....	b43.2
1925—				Dec. 5.....	b41.5
Sept. 21.....	a27.5	1930—			
		Jan. 15.....	34.1	1932—	
1927—		Mar. 20.....	b33.1	Jan. 12.....	b42.2
Nov. 8.....	a28.0	June 11.....	36.9		
		Aug. 29.....	40.0		
1928—		Oct. 15.....	39.5		
Mar. 8.....	b25.2	Dec. 10.....	37.5		
April 24.....	a29.0				
Nov. 10.....	31.3				
Dec. 21.....	29.1				

a Measurement from Division of Water Resources.

b Measurement from Orange County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-986a-N-15, MRS. ANA TAYLOR. MAP 3

Location and description—350 feet north of Cerritos Avenue, 1200 feet east of Magnolia Avenue, east of Stanton.

Reference point—Top of screw casing, 0.6 feet below ground.

Elevation of reference point—85, estimate by S. G. V. P. A.

Use—Irrigation and domestic.

Depth of well—170 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 1128A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 25.....	45.0	Jan. 8.....	43.7	Jan. 14.....	46.7
Dec. 12.....	36.2	Mar. 5.....	40.9	Feb. 24.....	45.8
		May 5.....	42.8	Nov. 28.....	53.3
1929—		July 30.....	35.6		
April 15.....	35.8	Oct. 15.....	52.5		
June 22.....	51.6	Nov. 26.....	49.7		
Aug. 9.....	54.2				
Oct. 24.....	48.0				
Dec. 31.....	48.8				

Measurements from San Gabriel Valley Protective Association.

C-986c-N-15, F. A. BOWMAN. MAP 4

Location and description—60 feet south of Katella Avenue, 0.32 miles east of Brookhurst Avenue, east of Stanton.

Reference point—Bottom edge of pump base on timbers at ground.

Elevation of reference point—100, estimated by S. G. V. P. A.

Use—Irrigation and domestic.

Depth of well—180 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 1149.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 3.....	57.7	Jan. 2.....	64.1	Jan. 14.....	66.7
Dec. 21.....	53.4	Mar. 12.....	60.6	Feb. 24.....	66.1
		May 5.....	61.7	May 8.....	69.2
1929—		Aug. 13.....	74.5	June 5.....	72.7
April 20.....	53.0	Dec. 10.....	68.3	Sept. 18.....	78.6
June 22.....	65.6			Nov. 28.....	74.1
Aug. 15.....	68.1				
Sept. 19.....	64.8			1932—	
Oct. 17.....	67.6			Jan. 19.....	72.6
Dec. 12.....	64.5				

Measurements from San Gabriel Valley Protective Association.

C-986e-N-15, HEDSTROM CORPORATION. MAP 4

Location and description—250 feet west of Euclid Avenue, 100 feet south of Katella Avenue, east of Stanton.

Reference point—Top of casing, 0.5 feet above ground, to and including June 11, 1930; then, bottom edge of clamp on air line, 1.4 feet above ground.

Elevation of reference point—111.0, to and including June 11, 1930, then, 111.9; estimated by S. G. V. P. A.

Use—Irrigation.

Depth of well—180 feet.

Diameter of casing—8 inches.

Other numbers used—Hoy No. 25; Location No. 1159B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 3.....	67.1	Feb. 21.....	70.4	Jan. 27.....	78.2
Dec. 21.....	63.6	April 10.....	71.2	Feb. 24.....	77.5
		June 11.....	77.2	April 22.....	84.2
1929—		Aug. 29.....	91.0	May 29.....	81.5
April 15.....	63.6	Oct. 30.....	83.1	July 10.....	87.1
June 7.....	70.2	Dec. 10.....	80.4	Aug. 7.....	89.9
Aug. 29.....	76.4			Oct. 15.....	88.6
Sept. 26.....	73.6			Dec. 10.....	85.5
Oct. 17.....	74.5				
Dec. 4.....	75.1			1932—	
				Feb. 2.....	83.1

Measurements from San Gabriel Valley Protective Association.

C-987-N-14, W. J. HANSLER. MAP 4

Location and description—0.23 miles north of Ocean Avenue, 200 feet west of Magnolia Avenue, west of Garden Grove.

Reference point—(a) Top of 10-inch casing, 0.6 feet above ground, (b) Top of $\frac{3}{4}$ -inch boards on concrete curb over well, 0.9 feet above ground.

Elevation of reference point—(a) 68.8; (b) 69.1; estimated by S. G. V. P. A.

Use—Domestic.

Depth of well—116 feet.

Diameter of casing—7 inches.

Other numbers used—Hoy No. 33; State Div. E. and I. No. 33, Corona Quad.; D. W. R. Bulletin 5, No. 987-E-11; Location No. 14422.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1930—		1931—	
Oct. 28.....	^a 29.9	Feb. 10.....	^a 31.7	Jan. 20.....	^b 37.0
		April 11.....	^a 37.6	Feb. 18.....	^b 37.7
1928—		June 11.....	^a 49.2	Mar. 17.....	^b 49.9
April 24.....	^a 33.8	Aug. 29.....	^a 55.6	April 29.....	^b 43.9
Sept. 24.....	^a 37.1	Oct. 2.....	^a 48.6	June 13.....	^a 58.2
Nov. 15.....	^a 29.3	Nov. 12.....	^a 47.3	Aug. 10.....	^a 54.1
Dec. 22.....	^a 26.5	Dec. 10.....	^a 38.8	Oct. 5.....	^a 51.6
				Nov. 4.....	^a 42.7
1929—				Dec. 10.....	
April 20.....	^a 27.4			1932—	
June 8.....	^a 43.0			Jan. 12.....	^a 40.9
Aug. 9.....	^a 49.9				
Oct. 10.....	^a 42.4				
Dec. 13.....	^a 36.5				

^a Reference point (a) used.

^b Reference point (b) used.

^c Measurement from Division of Water Resources.

^d Measurement from Orange County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-987d-O-14, MR. KAWAHARA. MAP 4

Location and description—0.42 miles west of Huntington Beach Boulevard, 300 feet south of Ocean Avenue, north of Westminster.

Reference point—Bottom of discharge pipe at end of discharge into concrete standpipe south of pump house, 11.6 feet above pump base.

Elevation of reference point—65.6, estimated by S. G. V. P. A.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—Location No. 14402.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 21.....	41.9	Feb. 10.....	31.6	Jan. 20.....	37.1
Dec. 22.....	26.9	April 23.....	39.9	Feb. 18.....	37.4
		May 5.....	35.9	Mar. 25.....	49.6
1929—		June 24.....	45.5	Sept. 18.....	56.5
April 15.....	28.1	Aug. 16.....	54.4	Nov. 6.....	51.2
June 21.....	44.0	Oct. 30.....	49.5	Dec. 1.....	45.1
Aug. 3.....	46.5	Dec. 10.....	39.5		
Sept. 5.....	52.2			1932—	
Oct. 30.....	44.6			Jan. 5.....	40.4
Dec. 13.....	38.2				

Measurements from San Gabriel Valley Protective Association.

C-988a-O-14, N. M. CLINTON. MAP 4

Location and description—150 feet west of Cannery Street, 400 feet south of Westminster Avenue, east of Westminster.

Reference point—Bottom of small iron clamp holding oil and air lines, 0.4 feet above ground.

Elevation of reference point—55, estimated by D. W. R.

Use—Irrigation and domestic.

Depth of well—153 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 14424A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
July 11.....	34.7	June 11.....	37.3	June 12.....	40.0
Aug. 26.....	38.3	Aug. 29.....	42.6	July 11.....	43.9
Sept. 19.....	30.2	Oct. 30.....	35.6	Sept. 18.....	42.9
Nov. 14.....	28.4	Dec. 10.....	27.3	Dec. 1.....	31.4
Dec. 19.....	25.7				
1930—		1931—		1932—	
Jan. 30.....	20.6	Jan. 12.....	25.7	Jan. 5.....	28.6
April 24.....	31.7	Mar. 18.....	39.1		
		May 8.....	31.9		

Measurements from San Gabriel Valley Protective Association.

C-989a-O-14, SOUTHERN PACIFIC COMPANY. MAP 4

Location and description—30 feet west of S. P. R. R., $\frac{1}{4}$ mile north of Bolsa Avenue, Westminster.
 Reference point—Top of 4-inch pipe, 1 foot above ground, to and including November 29, 1929; then, edge of $\frac{1}{2}$ -inch hole in cap on well, 1 foot above ground.
 Elevation of reference point—36.0, from levels by O. Co. F. C. D. from local B. M.
 Use—Not used.
 Depth of well—150 feet.
 Diameter of casing—7 inches.
 Other numbers used—Hoy No. 73; Location No. 14405A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 22.....	15.9	Jan. 2.....	13.1	Jan. 12.....	12.1
Nov. 15.....	7.1	Jan. 30.....	7.8	Feb. 12.....	15.4
Dec. 24.....	4.5	Mar. 12.....	16.2	April 8.....	28.7
		Mar. 28.....	13.3	May 8.....	17.6
1929—		April 24.....	15.8	June 12.....	28.6
April 20.....	6.2	May 5.....	11.7	July 11.....	28.3
May 24.....	15.8	June 11.....	21.3	Aug. 8.....	30.2
July 24.....	22.5	July 31.....	26.4	Oct. 17.....	21.9
Sept. 12.....	21.7	Oct. 2.....	21.4	Dec. 24.....	14.7
Oct. 24.....	17.8	Dec. 10.....	13.3		
Dec. 13.....	12.1			1932—	
				Jan. 22.....	13.4

Measurements from San Gabriel Valley Protective Association.

C-989j-O-14, F. R. SKINNER. MAP 4

Location and description—200 feet east of Huntington Beach Boulevard, 0.35 miles south of Westminster Avenue, Westminster.
 Reference point—Top of casing, 0.5 feet above ground.
 Elevation of reference point—37.6, from levels by O. Co. F. C. D., from local B. M.
 Use—Domestic.
 Depth of well—113 feet.
 Diameter of casing—4 inches.
 Other numbers used—O. Co. F. C. D. No. 5P-51; Location No. 14414.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Mar. 17.....	*10.7	Feb. 19.....	14.3	Jan. 12.....	13.3
May 12.....	*10.0	April 3.....	30.0		
June 25.....	*21.6	May 15.....	14.1		
July 31.....	*27.5	June 1.....	20.3		
Sept. 3.....	*25.5	July 7.....	26.8		
Oct. 25.....	*20.0	Sept. 11.....	28.8		
Nov. 21.....	*14.7	Oct. 5.....	23.6		
Dec. 11.....	*12.3	Nov. 4.....	24.4		
		Dec. 10.....	15.4		

* Measurement by Hoy.

Measurements from Orange County Flood Control District.

C-990-O-13, ANAHEIM SUGAR COMPANY. MAP 4

Location and description—100 feet west of Springdale Street, 150 feet south of Bolsa Avenue, southwest of Westminster.

Reference point—Top of casing, 2.9 feet above ground, to and including April 16, 1929; then, top of casing, 0.5 feet above ground.

Elevation of reference point—23.7, to and including April 16, 1929; then, 22.3; from levels by Hloy.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—State Div. E. and I. No. 5, Las Bolsas Quad.; D. W. R. Bulletin 5, No. 990-E-12; Location No. 575.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1930—	
Dec. 7.....	*1.6	April 16.....	1.2	Feb. 10.....	3.5
		June 21.....	9.9	April 11.....	5.4
1928—		Sept. 3.....	17.8	Aug. 29.....	20.2
May 2.....	*2.1	Oct. 16.....	14.0	Oct. 16.....	16.7
Sept. 22.....	12.4	Dec. 19.....	9.2	Nov. 13.....	15.1
Nov. 15.....	5.2			Nov. 28.....	Destroyed
Dec. 22.....	3.3				

* Measurement from Division of Water Resources.

Measurements from San Gabriel Valley Protective Association except as noted.

C-991-O-13, MR. CHRISTOPHER. MAP 3

Location and description—150 feet east of Bolsa Chica Street, 0.48 miles north of Smeltzer Avenue, east of Seal Beach.

Reference point—Top of casing, 1.9 feet above ground.

Elevation of reference point—16.7, from levels by D. W. R.

Use—Stock and domestic.

Diameter of casing—2 inches.

Other numbers used—State Div. E. and I. No. 6, Las Bolsas Quad.; Location No. 556.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1930—	
June 28.....	*+9.4	Dec. 7.....	*2.2	April 16.....	1.1
1926—		1928—		May 17.....	0.9
Feb. 25.....	*+0.3	May 3.....	*+2.4	July 16.....	6.2
		Dec. 11.....	*3.6	Sept. 3.....	b20.0
				Nov. 3.....	b14.7

* Measurement from Division of Water Resources.

^b Gun Club pumping.

Measurements from Orange County Flood Control District except as noted.

C-991e-O-13, A. L. KAVANAUGH. MAP 3

Location and description—1600 feet west of Graham Avenue, 600 feet south of Bolsa Street, 1000 feet east of Bolsa Chica Road, east of Seal Beach.

Reference point—Top of casing, 0.8 feet above ground, to and including January 21, 1930; then, top of platform, 11.1 feet above ground.

Elevation of reference point—16, to and including January 21, 1930; then, 26.3; from aneroid by D. W. R.

Use—Not used.

Depth of well—400 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 565A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
July 19.....	7.0	Jan. 21.....	0.6	Jan. 16.....	13.8
Aug. 30.....	16.0	Feb. 28.....	12.6	Feb. 27.....	15.8
Oct. 11.....	13.4	May 16.....	11.0	May 15.....	18.2
Dec. 27.....	7.6	June 27.....	15.3	July 17.....	24.7
		July 25.....	18.8	Sept. 4.....	31.3
		Aug. 29.....	28.3	Oct. 22.....	26.9
		Oct. 24.....	23.9	Dec. 10.....	18.2
		Dec. 26.....	18.7		
				1932—	
				Jan. 7.....	14.7

Measurements from San Gabriel Valley Protective Association.

C-992-P-14, F. J. LEWIS. MAP 4

Location and description—140 feet west of Golden West Avenue, 300 feet south of Smeltzer Avenue, south of Westminster.

Reference point—Top of faucet, 3.6 feet above ground.

Elevation of reference point—24.8, from levels by O. Co. F. C. D., from local B. M.

Use—Domestic.

Depth of well—400 feet.

Other numbers used—State Div. E. and I. No. 4, Las Bolsas Quad; D. W. R. Bulletin 5, No. 992-E-13, Location No. 597.

Date	Dist. P. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1930—	
Dec. 7.....	*1.2	April 1.....	2.4	Jan. 2.....	6.4
		June 8.....	7.5	April 11.....	Destroyed
1928—		Sept. 4.....	11.4		
May 2.....	*2.4	Oct. 3.....	8.7		
Sept. 25.....	6.8	Dec. 19.....	6.3		
Dec. 24.....	2.0				

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-992b-P-14, F. J. LEWIS. MAP 4

Location and description—160 feet west of Golden West Avenue, 300 feet south of Smeltzer Avenue, 20 feet west of well C-992-P-14, south of Westminster.

Reference point—Top of casing, 0.8 feet above ground.

Elevation of reference point—22.5, estimated by O. Co. F. C. D.

Use—Irrigation.

Depth of well—277 feet.

Diameter of casing—12 inches.

Other numbers used—L. A. Co. F. C. D. No. 597A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
Oct. 31.....	*9.0	Sept. 3.....	16.4	June 3.....	14.1
Dec. 19.....	*6.4	Oct. 2.....	18.0	Aug. 12.....	26.7
		Dec. 23.....	24.4	Oct. 9.....	16.4
1930—				Dec. 15.....	11.8
Jan. 30.....	*3.7	1931—			
April 16.....	9.5	Feb. 3.....	12.3	1932—	
June 20.....	11.7	May 19.....	13.4	Jan. 13.....	10.1

* Measurement from San Gabriel Valley Protective Association.

Measurements from Orange County Flood Control District, except as noted.

C-992e-P-13, MR. EDWARDS. MAP 4

Location and description—75 feet west of Springdale Street, 25 feet south of Smeltzer Avenue, south-west of Westminster.

Reference point—Hole in wooden cover, 0.5 feet above ground.

Elevation of reference point—19, from aneroid by D. W. R.

Use—Not used.

Depth of well—233 feet.

Diameter of casing—12 inches.

Other numbers used—O. Co. F. C. D. No. 5P-13; Location No. 577.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1931—Cont.	
Jan. 20.....	2.0	July 7.....	9.3	Nov. 6.....	10.0
May 15.....	5.1	Sept. 12.....	14.3	Dec. 25.....	4.6

Measurements from Orange County Flood Control District.

C-993-P-14, MR. HEILES (FORMERLY L. B. DRAPER). MAP 4

Location and description—500 feet east of Huntington Beach Boulevard, 25 feet south of Smeltzer Avenue, south of Westminster.

Reference point—Top of casing, at ground, to and including February 19, 1931; then, gage, 1.2 feet above ground.

Elevation of reference point—27.3, to and including February 19, 1931; then, 28.5; from levels by D. W. R.

Use—Domestic.

Depth of well—400 feet.

Diameter of casing—10 inches.

Other numbers used—State Div. E. and I. No. 18, Corona Quad; Location No. 14417.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1928—		1931—	
June 13.....	*+4.1	April 27.....	*3.0	Jan. 5.....	11.0
1924—		Nov. 28.....	*3.6	April 7.....	23.5
Oct. 21.....	*1.5	1930—		June 3.....	15.7
1925—		July 22.....	16.4	Aug. 12.....	23.0
Sept. 21.....	*7.7	Sept. 8.....	18.0	Oct. 9.....	19.7
1927—		Oct. 2.....	16.7	Dec. 5.....	14.0
Nov. 15.....	*2.4	Dec. 23.....	11.5	1932—	
				Jan. 13.....	12.7

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-995a-P-13, MR. MIKAWA (FORMERLY MR. DIXON). MAP 4

Location and description—0.49 miles west of Springdale Street, 425 feet south of Wintersburg Avenue, west of Wintersburg.

Reference point—Top of 4-inch cap on well, 1.1 feet above ground, to and including August 14, 1929; then, top of ¾-inch pipe in cap, 0.23 feet higher.

Elevation of reference point—6.1, to and including August 14, 1929; then, 6.3; estimated by S. G. V. P. A.

Use—Not used.

Depth of well—45 feet.

Diameter of casing—3 inches.

Other numbers used—Location No. 568.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 24.....	+0.4	Jan. 10.....	+1.9	Feb. 5.....	+1.7
Dec. 24.....	+2.3	Jan. 30.....	+3.5	April 29.....	0.2
		Mar. 28.....	+2.1	June 13.....	Flowing
1929—		May 29.....	+3.5	Aug. 8.....	2.7
April 20.....	+4.3	July 31.....	+0.8	Sept. 5.....	4.8
June 21.....	+2.1	Aug. 29.....	2.6	Nov. 6.....	2.5
Sept. 4.....	1.6	Oct. 31.....	1.3	Dec. 1.....	0.6
Nov. 8.....	Flowing	Dec. 10.....	0.2		
				1932—	
				Jan. 9.....	+1.5
				Jan. 16.....	Sealed

Measurements from San Gabriel Valley Protective Association.

C-995e-P-14, MR. BUCK. MAP 4

Log Available

Location and description—0.3 miles east of Springdale Avenue, 300 feet south of Slater Avenue, southwest of Wintersburg.

Reference point—Top of L on valve, 1.4 feet above ground.

Elevation of reference point—6.0, from levels by O'Co F. C. D., from local B. M.

Use—Irrigation.

Depth of well—500 feet.

Diameter of casing—10 inches.

Other numbers used—O. Co. F. C. D. No. 1P-9; Location No. 589C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
May 17.....	*+6.0	Jan. 15.....	16.0		
July 9.....	Flowing	Jan. 26.....	1.9		
Sept. 3.....	5.4	Mar. 3.....	0.8		
Nov. 7.....	5.8	April 28.....	0.1		
		July 8.....	Flowing		

* Estimate by owner.

Measurements from Orange County Flood Control District except as noted.

C-995k-P-13, CITY OF SUNSET BEACH. MAP 3

Location and description—800 feet north of Los Patos Avenue, 0.18 miles west of Alganquin Avenue, Sunset Beach.

Reference point—Top of flange $3\frac{1}{2}$ feet above ground.

Elevation of reference point—11.6, from levels by O. Co. F. C. D., from local B. M.

Use—Not used.

Depth of well—165 feet.

Diameter of casing—5 inches.

Other numbers used—O. Co. F. C. D. No. 2P-70; Location No. 548

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Nov. 8.....	9.1	Feb. 3.....	7.4	Jan. 12.....	8.1
Dec. 22.....	8.5	April 4.....	8.1		
		June 3.....	8.1		
		Sept. 12.....	9.9		
		Nov. 6.....	9.3		
		Dec. 15.....	8.8		

Measurements from Orange County Flood Control District.

C-995m-P-13, GEORGE J. McDONALD. MAP 3

Location and description—0.6 miles south of Smeltzer Avenue and 100 feet east of Bolsa Chica Avenue, 450 feet south of Heil Avenue, east of Sunset Beach.

Reference point—Top of pipe 0.7 feet above ground.

Elevation of reference point—18.2, from levels by D. W. R.

Use—Not used.

Depth of well—200 feet.

Diameter of casing—10 inches.

Other numbers used—O. Co. F. C. D. No. 1P-6; Location No. 557C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
May 17.....	0.0	Jan. 5.....	16.0	Sept. 12.....	19.2
July 16.....	0.3	Feb. 17.....	7.6	Nov. 6.....	22.4
Sept. 3.....	11.6	April 4.....	10.0	Dec. 15.....	17.9
Nov. 3.....	16.9	June 3.....	8.0		
		July 7.....	8.4	1932—	
				Jan. 12.....	8.9

Measurements from Orange County Flood Control District.

C-996b-P-14, F. J. MALLETT. MAP 4

Location and description—100 feet south of Wintersburg Avenue, 100 feet west of Goldenwest Street Wintersburg.

Reference point—Top of $\frac{3}{4}$ -inch coupling, 0.5 feet above ground on east side of casing.

Elevation of reference point—13.6, estimated by S. G. V. P. A.

Use—Domestic.

Depth of well—120 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 588A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 24.....	2.9	Jan. 30.....	1.0	Jan. 12.....	3.0
Dec. 24.....	+0.7	May 17.....	1.6	Mar. 18.....	10.2
		June 28.....	4.2	May 15.....	5.5
1929—		Aug. 29.....	7.8	July 11.....	8.9
April 16.....	+0.6	Oct. 31.....	5.8	Sept. 5.....	10.0
June 8.....	4.0	Dec. 10.....	4.9	Oct. 17.....	8.1
Aug. 26.....	6.4			Dec. 11.....	5.6
Sept. 26.....	4.8				
Oct. 11.....	5.1			1932—	
Dec. 19.....	2.9			Jan. 16.....	3.7

Measurements from San Gabriel Valley Protective Association.

20—93350

C-997-P-14, A. STECK. MAP 4

Location and description—300 feet west of Golden West Street and 100 feet south of Talbert Avenue, north of Huntington Beach.

Reference point—Top of casing, 0.3 feet above ground.

Elevation of reference point—57.1, from levels by O. Co. F. C. D., from local B. M.

Use—Domestic.

Depth of well—110 feet.

Diameter of casing—6 inches.

Other numbers used—O. Co. F. C. D. No. 1P-11; State Div. E. and I. No. 2, Las Bolsas Quad.; Location No. 599.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1930—		1931—	
June 13.....	46.9	Aprd 16.....	50.9	Jan. 26.....	51.0
		May 19.....	50.5	Mar. 4.....	51.8
1926—		July 9.....	51.1	April 7.....	52.8
Feb. 25.....	49.8	Oct. 2.....	52.1	June 3.....	52.4
		Dec. 23.....	51.4	Sept. 12.....	54.3
1927—				Dec. 15.....	53.0
Dec. 7.....	49.4				
1928—					
May 2.....	48.8				

^a Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District, except as noted.

C-997c-Q-14, AMERICAN STATES WATER SERVICE COMPANY, NO. 6. MAP 4

Log Available

Location and description—125 feet west of Twelfth Street, 80 feet north of Palm Avenue, Huntington Beach.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—32.6, from levels by D. W. R.

Use—Not used.

Depth of well—447 feet.

Diameter of casing—16 inches.

Other numbers used—O. Co. F. C. D. No. 5P-46, Location No. 13193.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1934—		1931—Cont.		1932—	
Mar. 31.....	29.9	Nov. 6.....	29.8	Jan. 13.....	29.3
June 3.....	30.0	Dec. 15.....	29.5		
Sept. 12.....	30.1				

Measurements from Orange County Flood Control District.

C-997d-Q-14, W. H. ARMSTRONG, ET AL. MAP 4

Location and description—100 feet southeast of intersection of Delaware Avenue and 17th Street, Huntington Beach.

Reference point—Top of casing, north side, 0.6 feet above ground.

Elevation of reference point—52.8, from levels by D. W. R.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. No. 5P-47; Location No. 13201.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1931—Cont.	
Mar. 31.....	47.7	July 7.....	49.0	Nov. 6.....	48.5
May 13.....	49.2	Sept. 14.....	49.2	Dec. 22.....	47.5

Measurements from Orange County Flood Control District.

C-998-P-14, H. T. GROVES (FORMERLY MISS ANDERSON). MAP 4

Location and description—75 feet west of S. P. R. R., 400 feet north of Talbert Avenue, south of Wintersburg.

Reference point—Top of casing, 1.5 feet above ground, to and including December 4, 1927; then, top of $\frac{3}{4}$ -inch by 2-inch bushing on 7-inch tee, 1.3 feet above concrete base at ground.

Elevation of reference point—23.1, to and including December 4, 1927; then, 23.3; from levels by State Div. E. and I.

Use—Domestic.

Depth of well—508 feet.

Diameter of casing—6 inches.

Other numbers used—State Div. E. and I. No. 1, Las Bolsas Quad.; Location No. 14409A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1930—		1931—Cont.	
June 13.....	*+50.6	April 16.....	1.4	July 18.....	14.9
		Dec. 23.....	14.5	Aug. 12.....	22.6
1926—		1931—		Sept. 15.....	23.5
Feb. 25.....	*+11.6	Feb. 27.....	9.5	Nov. 6.....	22.0
		Mar. 16.....	13.6	Dec. 15.....	17.0
1927—		April 28.....	14.1	1932—	
Dec. 4.....	*+10.6	June 3.....	11.6	Jan. 13.....	11.0

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-998d-O-15, L. L. BAUER. MAP 4

Location and description—100 feet south of Bolsa Avenue, 70 feet east of Wright Street, east of Westminster.

Reference point—Top of 2-inch wood clamp, 0.8 feet above ground.

Elevation of reference point—51.1, from levels by O. Co. F. C. D., from local B. M.

Use—Domestic.

Depth of well—95 feet.

Diameter of casing—7 inches.

Other numbers used—State Div. E. and I. No. 71, Corona Quad.; Location No. 14445A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1928—		1931—Cont.	
June 28.....	*5.8	April 27.....	* 6.6	July 11.....	41.5
				Sept. 16.....	38.4
1924—		1930—		Nov. 13.....	31.0
Oct. 26.....	*8.3	Oct. 6.....	34.1		
		Dec. 23.....	25.6	1932—	
1925—		1931—		Jan. 18.....	25.4
Oct. 10.....	*22.5	Jan. 21.....	22.5		
		April 28.....	30.7		
1927—		June 5.....	32.4		
Nov. 15.....	*10.9				

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-999f-P-14, E. J. McCRAVEN. MAP 4

Location and description—100 feet north of Talbert Avenue and 300 feet west of Newland Street, southeast of Wintersburg. Casing in bottom of 12-foot pit.

Reference point—Top of 12-foot pit on east side, at ground.

Elevation of reference point—48.0, from levels by O. Co. F. C. D., from local B. M.

Use—Domestic.

Depth of well—150 feet.

Diameter of casing—12 inches.

Other numbers used—O. Co. F. C. D. No. 1P-24; Location No. 14419A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Aug. 5.....	39.2	Feb. 19.....	36.0	Jan. 13.....	35.2
Sept. 6.....	40.2	May 18.....	37.8		
Oct. 4.....	38.1	Aug. 12.....	43.0		
Nov. 26.....	35.8	Oct. 9.....	40.5		
Dec. 23.....	34.6	Nov. 4.....	39.6		
		Dec. 22.....	36.2		

Measurements from Orange County Flood Control District.

C-1007a-N-13, FARMERS GUN CLUB. MAP 3

Location and description—15 feet north of Cerritos Avenue, $\frac{1}{2}$ mile east of Bloomfield Avenue, 75 feet east of Dennie Road extended south, southwest of Cypress. Six feet southwest of 4-inch casing, 1 foot above ground.

Reference point—Top of bushing in coupling on top of screw casing, 3.3 feet above ground.

Elevation of reference point—34.7, estimate by S. G. V. P. A.

Use—Not used.

Diameter of casing—6 inches.

Other numbers used—Location No. 1049.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Sept. 25.....	12.6	Jan. 29.....	1.1	Jan. 14.....	5.5
Dec. 21.....	Flowing	May 28.....	3.7	Mar. 3.....	1.4
		June 24.....	10.4	April 8.....	11.2
1929—		Aug. 28.....	20.4	June 12.....	12.8
May 24.....	5.5	Nov. 26.....	12.1	July 10.....	(Dry) 20.0
June 28.....	11.6	Dec. 24.....	6.4	Nov. 30.....	12.7
Sept. 12.....	18.1			Dec. 24.....	8.0
Nov. 7.....	11.5			1932—	
Dec. 31.....	4.9			Jan. 30.....	4.1

Measurements from San Gabriel Valley Protective Association.

C-1056-M-16, ORANGE GROVE WATER COMPANY. MAP 3

Location and description—600 feet west of Rio Vista Street, 75 feet south of Anaheim-Olive Boulevard, east of Anaheim.

Reference point—Base of pump, 1 foot above ground, 0.1 foot above concrete floor.

Elevation of reference point—193, estimate by S. G. V. P. A.

Use—Irrigation.

Depth of well—484 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 15626A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Dec. 17.....	133.1	Jan. 15.....	149.3	Feb. 24.....	157.0
		April 30.....	152.2	April 23.....	157.7
1929—				Oct. 5.....	170.7
April 22.....	130.7			Dec. 8.....	168.5

Measurements from San Gabriel Valley Protective Association.

C-1058-M-17, SANTA ANA VALLEY IRRIGATION COMPANY, NO. 11. MAP 3

Location and description—400 feet south of Anaheim-Olive Boulevard, 500 feet east of Batavia Street, east of Anaheim.

Reference point—Bottom edge of pump base, at floor and ground.

Elevation of reference point—203.8, from levels by Hoy.

Use—Irrigation.

Depth of well—726 feet.

Diameter of casing—26 inches.

Other numbers used—State Div. E. and I No. 319, Corona Quad.; Location No. 15646 A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Jan. 1.....	^a 148.7	Feb.	^b 145.9	Feb. 4.....	^c 167.0
Mar. 1.....	^a 108.0	May	^b 146.0	Mar. 30.....	^c 180.7
April 1.....	^a 100.3	June	^b 174.7	April 28.....	^c 177.0
July 1.....	^a 148.9			Oct. 5.....	^c 194.4
Dec. 1.....	^a 140.0	1930—		Dec. 8.....	^c 179.3
		Jan. 16.....	^c 164.3		
1928—		May 5.....	^c 158.2		
Jan. 1.....	^a 148.0				
Mar. 1.....	^a 140.9				
June 28.....	^b 131.1				
Oct. 28.....	^b 165.2				
Dec. 28.....	^b 148.0				

^a Measurement from Division of Water Resources.

^b Measurement by Hoy, from Orange County Flood Control District.

^c Measurement from San Gabriel Valley Protective Association.

C-1059-M-17, WHITE STAR WATER COMPANY. MAP 3

Log Available

Location and description—½ mile east of Rio Vista Street and 0.1 mile south of intersection of Norton Street and Rio Vista Street, east of Anaheim.

Reference point—Bottom edge of pump base, 1 foot above ground, 0.7 feet above concrete floor.

Elevation of reference point—207.5, estimate by S. G. V. P. A.

Use—Irrigation.

Depth of well—240 feet.

Other numbers used—Location No. 15635B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 1.....	150.0	Jan. 15.....	167.5	Feb. 24.....	173.5
Dec. 14.....	150.6	May 5.....	163.7	April 28.....	176.3
		July 28.....	169.2	July 14.....	180.2
1929—				Oct. 5.....	187.6
April 22.....	148.2			Dec. 8.....	186.2
				1932—	
				Jan. 11.....	183.7

Measurements from San Gabriel Valley Protective Association.

C-1065-M-16, M. M. BOEGE AND FRED DORN. MAP 3

Location and description—175 feet south of Norton Street, 1350 feet west of Rio Vista Street, east of Anaheim.

Reference point—Top of pump base at edge of hole, 0.2 feet above concrete floor and 2 feet above ground.

Elevation of reference point—202.0, estimate by S. G. V. P. A.

Use—Domestic.

Depth of well—260 feet.

Diameter of casing—14 inches.

Other numbers used—Hoy No. 110; Location No. 15625A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Dec. 18.....	137.2	Jan. 15.....	152.9	Feb. 24.....	158.7
		April 30.....	151.0	April 28.....	162.0
1929—		July 28.....	157.5	July 14.....	167.8
April 22.....	135.6	Sept. 3.....	160.9	Oct. 5.....	173.5
		Oct. 28.....	163.3	Dec. 8.....	170.6
				1932—	
				Jan. 11.....	168.3

Measurements from San Gabriel Valley Protective Association.

C-1068-M-17, JOHN H. HEITSHUSEN. MAP 3

Location and description—3000 feet north of intersection of Anaheim-Olive Boulevard and A. T. & S. F. Ry., and 550 feet west of A. T. & S. F. Ry., north of Olive.

Reference point—Top of sill over pit, 1.7 feet above ground.

Elevation of reference point—230.7, from levels by O. Co. F. C. D. from local B. M.

Use—Irrigation.

Depth of well—124 feet.

Other numbers used—State Div. E. and I. No. 318, Corona Quad; Location No. 15655A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Mar. 1.....	*13.8	Mar. 19.....	26.5	Feb. 26.....	18.4
April 25.....	*24.1	Sept. 16.....	Pit dry	May 28.....	30.5
Dec. 14.....	29.2	Dec. 20.....	28.6	July 16.....	32.8
				Sept. 25.....	Pit dry
				Oct. 15.....	Pit dry

* Measurement from Division Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1073-M-17, ANAHEIM EUCALYPTUS WATER COMPANY—SOUTH WELL. MAP 3

Location and description—70 feet north of Coronado Street, 120 feet west of Dowling Street, north of Olive.

Reference point—Hole in pump base, 0.1 foot above ground.

Elevation of reference point—212.4, from levels by O. Co. F. C. D. from local B. M.

Use—Irrigation.

Other numbers used—State Div. E. and I. No. 213; Corona Quad; Location No. 15644.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1928—		1931—	
Dec. 23.....	*145.1	Feb. 28.....	*136.0	Jan. 27.....	174.3
		April 15.....	*121.0	Mar. 5.....	172.9
1926—		Dec. 7.....	142.8	May 6.....	174.3
Nov. 10.....	*154.0			June 9.....	175.3
		1930—		July 11.....	184.5
1927—		Mar. 18.....	[b]173.3	Nov. 20.....	186.5
Nov. 10.....	*144.8	May 7.....	171.6		
		Oct. 15.....	174.6	1932—	
				Jan. 20.....	183.3

* Measurement from Division of Water Resources.

b Measurement by owner.

Measurements from Orange County Flood Control District except as noted.

C-1078d-M-17, PILOT WATER COMPANY, NO. 1. MAP 5

Log Available

Location and description—300 feet north of Corona Avenue, 400 feet west of A. T. & S. F. Ry., 1100 feet west of Jefferson Street, south of Richfield. East well of two.

Reference point—Air gage, 0.8 feet above ground.

Elevation of reference point—238.5, from levels by O. Co. F. C. D. from local B. M.

Use—Irrigation.

Depth of well—500 feet.

Diameter of casing—24 inches.

Other numbers used—O. Co. F. C. D. No. 5P-54; Location No. 15654F.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1916—		1927—		1931—	
	*58.0	Nov. 3.....	*139.7	Jan. 21.....	176.0
1921—		1928—		Feb. 16.....	174.5
Fall.....	*126.5	Feb. 8.....	117.5	Mar. 5.....	173.5
		May 28.....	111.7	May 6.....	183.0
1924—		Dec. 1.....	152.1	June 10.....	176.5
Fall.....	*125.0			July 17.....	198.5
		1930—		Oct. 20.....	191.0
1925—		Oct. 13.....	172.0	Nov. 20.....	193.0
Dec. 23.....	*151.0	Nov. 24.....	175.0		

* Measurement by owner.

Measurements from Orange County Flood Control District.

C-1079a-M-17, ATWOOD WATER COMPANY. MAP 5

Location and description—0.25 miles east of Jefferson Street and 700 feet south of Walnut Avenue, south of Richfield.

Reference point—Gage, 2.5 feet above ground.

Elevation of reference point—248.8, from levels by O. Co. F. C. D., from local B. M.

Use—Irrigation.

Depth of well—398 feet.

Diameter of casing—24 inches.

Other numbers used—O. Co. F. C. D. No. 3P-1; Location No. 15664B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
May 7.....	143.0	Jan. 27.....	171.0	Aug. 31.....	179.0
May 27.....	141.0	Mar. 5.....	158.2	Oct. 20.....	185.0
Nov. 24.....	169.0	May 6.....	162.8	Nov. 20.....	187.3

Measurements from Orange County Flood Control District.

C-1081h-M-18, PERALTA SCHOOL. MAP 5

Location and description—1.3 miles east of Yorba Bridge Road, 400 feet south of Santa Ana Canyon Road, east of Richfield.

Reference point—Top of casing, 0.8 feet above ground.

Elevation of reference point—324.0, from levels by State Div. E. and I.

Use—Not used.

Depth of well—69 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 50, Corona Quad.; Location No. 15695.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1930—		1931—	
Sept. 28.....	*40.6	Mar. 8.....	39.6	Jan. 24.....	40.8
1928—		Sept. 16.....	38.6	Mar. 24.....	39.6
Feb. 28.....	*36.7	Nov. 24.....	39.8	May 28.....	38.7
April 23.....	*35.3	Dec. 29.....	40.7	June 13.....	40.7
Dec. 7.....	39.5			July 16.....	39.9
				Sept. 25.....	39.1
				Oct. 15.....	41.0
				Nov. 30.....	40.2

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1081j-L-18, ANAHEIM UNION WATER COMPANY, HOLLADAY NO. 2 (OLD NO. 12).

MAP 5

Log Available

Location and description—475 feet north of north end of Yorba Bridge, 700 feet south of A. T. & S. F. Ry., 50 feet east of Yorba Bridge Road, east of Richfield

Reference point—Top of casing, 1.5 feet above ground.

Elevation of reference point—280.6, from levels by Hoy

Use—Irrigation.

Depth of well—100 feet.

Diameter of casing—18 inches.

Other numbers used—Location No. 15714C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1931—	
Aug. 4.	^a 44.1	May 26.	14.0	Jan. 17.	^b 47.4
Sept. 20.	^a 86.7	June 20.	^a 44.6	Oct. 1.	^c 80.0
Sept. 30.	66.4	July 12.	^a 46.6	Nov. 15.	^c 70.0
Oct. 11.	^a 69.0	Aug. 14.	^a 68.6	Dec. 15.	^c 40.0
		Sept. 15.	71.2		
1927—		Oct. 18.	61.0	1932—	
June 15.	14.0			Jan. 1.	^c 28.0
July 29.	^a 78.0	1929—			
Sept. 12.	^a 91.0	May 1.	10.3		
Sept. 30.	^a 69.0	June 15.	^a 48.6		
		Sept. 1.	^a 94.0		

^a Pumping.

^b Measurement from Orange County Flood Control District.

^c Measurement from owner.

Measurements by Hoy from Orange County Flood Control District except as noted.

C-1082-L-18, GOODWIN MUTUAL WATER COMPANY. MAP 5

Location and description—350 feet south of A. T. & S. F. Ry., 0.7 miles east of Richfield Road, east of Richfield.

Reference point—Lower edge of hole in pump base, north side, 0.5 feet above ground.

Elevation of reference point—260.5, from levels by O. Co. F. C. D., from local B. M.

Use—Irrigation.

Depth of well—200 feet.

Diameter of casing—18 inches.

Other numbers used—O. Co. F. C. D. No. 3P-26; Location No. 15683.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1931—		1932—	
Oct. 9.	^a 58.4	Jan. 18.	75.0	Jan. 23.	63.7
Nov. 17.	^a 63.1	Mar. 30.	57.8		
Dec. 15.	^a 62.6	June 10.	62.0		
		Sept. 30.	81.3		
1930—		Oct. 20.	80.0		
May 12.	42.6	Nov. 20.	85.9		
Sept. 16.	65.4				
Nov. 24.	72.3				

^a Measurement from San Gabriel Valley Protective Association.

Measurements from Orange County Flood Control District except as noted.

C-1082d-L-18, YORBA SCHOOL—OLD WELL. MAP 5

Location and description—1.25 miles east of Richfield Avenue, 0.22 miles north of Placentia-Yorba Road, east of Richfield.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—271.9, from levels by O. Co. F. C. D., from local B. M.

Use—Abandoned.

Depth of well—80 feet.

Other numbers used—State Div. E. and I. No. 128; Corona Quad.; Location No. 15693.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— Aug. 31.....	*35.0	1928— Feb. 28.....	*29.0	1931— Jan. 18.....	73.6
1925— Sept. 11.....	*49.1	April 23.....	*24.7	Dec. 23.....	Destroyed
1927— Nov. 3.....	*51.5	Dec. 7.....	65.3		
		1930— Oct. 6.....	65.0		

* Measurement from Division Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1085-L-17, ATCHISON, TOPEKA & SANTA FE RAILWAY COMPANY. MAP 5

Location and description—600 feet west of Van Buren Street, 650 feet south of Placentia-Yorba Road, 30 feet south of tracks, south of Richfield.

Reference point—Top of casing and concrete at ground level, 1.36 feet below bottom of pump base.

Elevation of reference point—245, estimated by S. G. V. P. A.

Use—Domestic and industrial.

Depth of well—300 feet.

Diameter of casing—14 inches.

Other numbers used—Location No. 15663C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Oct. 9.....	147.7	1930— Jan. 16.....	173.7	1931— Feb. 24.....	181.3
Dec. 15.....	154.6	April 30.....	165.0	Mar. 30.....	178.4
1929— April 23.....	139.9	July 29.....	169.9	April 28.....	179.9
		Nov. 3.....	179.6	Oct. 5.....	191.3
				Dec. 8.....	192.4

Measurements from San Gabriel Valley Protective Association.

C-1086a-L-17, ANAHEIM UNION WATER COMPANY—GOMBER NO. 5. MAP 3

Log Available

Location and description—100 feet north of Anaheim Avenue, 50 feet west of Linda Vista Avenue, southeast of Placentia

Reference point—Top of 1 beam, at ground, north of well.

Elevation of reference point—234.8, from levels by 1 boy.

Use—Irrigation.

Depth of well—300 feet.

Other numbers used—State Div. E. and I. No. 245, Corona Quad.; Location No. 15653C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1928—		1930—	
May 30.....	130 0	Feb. 27.....	124 0	Jan. 15.....	168.8
June 30.....	136 0	April 18.....	108 0	April 1.....	160 0
Aug. 24.....	152 0	June 20.....	123 0	June 2.....	154.2
Oct. 5.....	150.9	Sept. 15.....	150.7	July 1.....	158 0
				Dec. 1.....	180.9
1926—		1929—		1931—	
Jan. 26.....	152.5	Jan. 1.....	150.7	Jan. 1.....	179.5
June 7.....	122.3	May 1.....	144 0	Feb. 16.....	179.7
Sept. 1.....	133.5	Oct. 1.....	162.5	Mar. 30.....	176.3
Sept. 30.....	130.2			May 6.....	178.4
1927—				July 17.....	*186.7
Mar. 7.....	133.3				
May 16.....	100.4				
Sept. 30.....	134 0				
Dec. 17.....	140.7				

* Down one-half hour.

Measurements from Division of Water Resources to and including February 27, 1928; then from Orange County Flood Control District.

C-1087-L-17, DR. VON WEDELSTEADT. MAP 3

Location and description—120 feet south of Orangethorpe Avenue, 0.15 miles west of Dowling Street, south of Placentia. Casing covered by large blocks.

Reference point—Top of casing, 0.2 feet above ground, to and including January 15, 1930; then, top of platform, 0.5 feet above ground.

Elevation of reference point—214, to and including January 15, 1930; then, 214.3; estimate by S. G. V. P. A.

Use—Not used.

Depth of well—278 feet.

Diameter of casing—20 inches

Other numbers used—O. Co. F. C. D. No. 5P-55; Location No. 15633.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 8.....	142.7	Jan. 15.....	162.6	Jan. 23.....	171.2
Dec. 14.....	145.1	May 16.....	159 0	Mar. 20.....	169.1
		July 25.....	162.1	May 22.....	170.8
1929—		Sept. 8.....	166.8	July 10.....	173.6
April 23.....	142.6	Nov. 3.....	170.7	Sept. 11.....	180.3
				Sept. 13.....	183.4
				Dec. 11.....	182.2
				1932—	
				Jan. 4.....	180.8

Measurements from San Gabriel Valley Protective Association.

C-1089-L-16, AMERICAN STATES WATER SERVICE COMPANY—PLACENTIA NO. 1. MAP 3

Location and description—15 feet west of Bradford Street, 40 feet north of Placentia-Yorba Road (Crowther Avenue), Placentia.

Reference point—(a) Lower edge of hole in pump base, 0.5 feet above ground; (b) Top of steel I beams under pump house, at ground; (c) Top of $\frac{1}{2}$ -inch pipe south side of pump base, 0.1 feet above ground.

Elevation of reference point—(a) 228.5; (b) 228; (c) 228.1; from aneroid by D. W. R.

Use—Municipal.

Depth of well—250 feet.

Other numbers used—Location No. 15623A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 8.....	a151.9	Jan. 16.....	b175.4	April 28.....	c184.1
Nov. 22.....	a153.6	April 30.....	b173.1	Dec. 8.....	b194.3
Dec. 15.....	a153.9	Nov. 3.....	b184.4		
1929—					
April 23.....	a151.6				

a Reference point (a) used.

b Reference point (b) used.

c Reference point (c) used.

Measurements from San Gabriel Valley Protective Association.

C-1094-L-17, CHAPMAN ACRES. MAP 3

Location and description—100 feet north of Alta Vista Avenue, 0.3 miles west of Loma Vista Avenue, 150 feet east of Telegraph Canyon Creek, northeast of Placentia.

Reference point—Top of casing, 1.5 feet below ground, at bottom of iron bars.

Elevation of reference point—292, estimate by S. G. V. P. A.

Use—Irrigation and industrial.

Diameter of casing—16 inches.

Other numbers used—Location No. 15652.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Oct. 29.....	37.5	Jan. 16.....	42.1	Feb. 24.....	43.1
Dec. 18.....	37.3	April 30.....	42.8	April 28.....	42.8
		July 29.....	42.7	July 14.....	42.7
1929—		Nov. 3.....	43.9	Oct. 5.....	44.3
April 23.....	36.7			Dec. 8.....	44.4

Measurements from San Gabriel Valley Protective Association.

C-1097-L-17, H. H. HALE. MAP 3

Log Available

Location and description—65 feet east of Valencia Avenue, 0.4 miles north of Yorba Linda Boulevard, north of Placentia.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—336.2, from levels by State Div. E. and I.

Use—Domestic.

Depth of well—311 feet.

Other numbers used—State Div. E. and I. No. 127, Corona Quad.; Location No. 15640.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1928—		1931—	
Aug. 31.....	a137.1	May 10.....	a152.7	Jan. 30.....	167.3
		Dec. 14.....	155.6	Mar. 30.....	167.8
1924—				June 10.....	168.8
Oct. 28.....	a145.1	1930—		July 17.....	169.7
		April 11.....	152.0	Sept. 30.....	171.3
1925—		Sept. 13.....	165.1	Oct. 20.....	171.5
Sept. 11.....	a150.2	Dec. 18.....	166.8		
1927—				1932—	
Oct. 18.....	a154.2			Jan. 23.....	172.7

a Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1105a-N-17, WILLIAM BARNES. MAP 5

Location and description—200 feet east of intersection of Taft Avenue and Tustin Avenue, south of Richfield.

Reference point—Hole in pump base, 4.0 feet below concrete floor and ground.

Elevation of reference point—245, from aneroid by D. W. R.

Use—Domestic and irrigation.

Depth of well—348 feet.

Diameter of casing—16 inches.

Other numbers used—O. Co F. C. D. No. 5P-28; Location No. 15668B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1931—		1932—	
	181.5	Jan. 23.....	213.8	Jan. 22.....	222.0
1929—		Mar. 31.....	213.0		
July 30.....	200.0	May 28.....	214.1		
		July 6.....	217.5		
1930—		Sept. 11.....	224.0		
May 5.....	204.0	Nov. 3.....	226.0		
Aug. 11.....	211.7				
Oct. 11.....	215.0				
Dec. 4.....	215.6				

Measurements by owner from Orange County Flood Control District.

C-1107-M-17, NAU-ZAISER. MAP 3

Location and description—140 feet east of Orange-Olive Boulevard, 0.25 miles south of Fletcher Avenue, south of Olive. Old oil well.

Reference point—Top of casing, 5.5 feet above ground.

Elevation of reference point—213, estimate by S. G. V. P. A.

Use—Not used.

Diameter of casing—18 inches.

Other numbers used—Location No. 15657A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 2.....	135.0	May 5.....	138.5	Feb. 23.....	138.8
Dec. 18.....	135.3	July 29.....	139.4	April 29.....	139.6
		Nov. 3.....	140.6	July 14.....	142.1
				Oct. 5.....	143.2
				Nov. 3.....	144.0

Measurements from San Gabriel Valley Protective Association.

C-1112-N-18, SANTA ANA VALLEY IRRIGATION COMPANY, NO. 9. MAP 4

Location and description—400 feet east of Prospect Avenue and 0.15 miles north of Walnut Avenue, east of Orange.

Reference point—Top of casing, at ground.

Elevation of reference point—290.4, from levels by Hoy.

Use—Irrigation.

Depth of well—1006 feet.

Diameter of casing—26 inches.

Other numbers used—State Div. E. and I. No. 223, Corona Quad; Location No. 14580A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1927—		1928—	
Fall.....	222.5	Feb. 1.....	229.8	Feb. 1.....	221.5
		May 1.....	212.3	April 1.....	216.7
1926—		July 1.....	219.7	June 1.....	223.5
June 2.....	266.3	Oct. 1.....	231.8	Nov. 1.....	*240.0
Aug. 2.....	271.0	Oct. 23.....	233.0	Dec. 1.....	*237.6
Sept. 1.....	277.0	Dec. 1.....	225.3		
Dec. 1.....	233.3			1929—	
				Jan. 1.....	*232.3
				Mar. 1.....	*226.8
				May 1.....	*230.0
				June 1.....	*238.7

* Measurement from Orange County Flood Control District.

Measurements from Division of Water Resources except as noted.

C-1113-N-17, DAVID HEWES MUTUAL WATER COMPANY. MAP 4

Log Available

Location and description—0.12 miles west of Prospect Avenue and 0.25 miles south of Chapman Avenue, east of Orange.

Reference point—Top of pit wall, 0.6 feet above ground.

Elevation of reference point—251.7, from levels by State Div. E. and I.

Use—Irrigation.

Depth of well—430 feet.

Diameter of casing—18 inches.

Other numbers used—State Div. E. and I. No. 59, Corona Quad.; Location No. 14571.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— June 24.....	138.7	1925— Fall	197.7	1928— Feb. 8.....	170.0
1924— Oct. 25.....	175.0	1927— Nov. 22.....	186.2	April 2.....	186.0
				1930— Dec. 18.....	*218.0

* Measurement from Orange County Flood Control District.

Measurements from Division of Water Resources except as noted.

C-1115-O-18, A. M. ROBINSON. MAP 4

Location and description—0.25 miles east of Prospect Avenue and 20 feet south of Fairhaven Avenue, northeast of Santa Ana.

Reference point—Top of concrete floor, north side of well, at ground.

Elevation of reference point—220.2, from levels by O. Co. F. C. D. from local B. M.

Use—Not used.

Depth of well—350 feet.

Diameter of casing—24 inches.

Other numbers used—O. Co. F. C. D. No. 1P-76; Location No. 14582.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 27.....	172.0	1931— Jan. 24.....	186.9	1931—Cont. Sept. 22.....	204.0
Sept. 20.....	196.2	Feb. 26.....	183.3	Oct. 15.....	197.8
Oct. 15.....	195.2	May 28.....	188.6	Nov. 23.....	200.2
Dec. 29.....	190.3	June 12.....	189.6		
		Aug. 19.....	206.2	1932— Jan. 27.....	Destroyed

Measurements from Orange County Flood Control District.

C-1120-N-16, W. F. FELDNER. MAP 4

Location and description—270 feet south of Chapman Avenue, 0.18 miles west of Main Street, west of Orange.

Reference point—Top of casing in concrete pit at level of top of pit, 0.2 feet above ground.

Elevation of reference point—151.2, estimated by S. G. V. P. A.

Use—Irrigation.

Depth of well—200 feet.

Diameter of casing—8 inches.

Other numbers used—Location No. 14521.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Nov. 2.....	98.2	1930— May 5.....	107.7	1931— Feb. 25.....	113.5
Dec. 20.....	97.1	Nov. 3.....	115.2	April 29.....	116.5
1929— April 22.....	96.7			July 14.....	119.8
				Nov. 3.....	123.5

Measurements from San Gabriel Valley Protective Association.

C-1121-M-16, A. J. SCHUTTE, MAP 3

Location and description—45 feet south of Ball Road, 100 feet east of Sunkist Avenue, southeast of Anaheim.

Reference point—Bottom edge of pump base, 0.5 feet above ground.

Elevation of reference point—174, estimate by S. G. V. P. A.

Use—Irrigation.

Depth of well—228 feet.

Diameter of casing—14 inches.

Other numbers used—Location No. 15628.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Dec. 17.....	119.5	Jan. 15.....	128.9	Feb. 24.....	135.7
		April 28.....	132.4	April 29.....	137.1
1929—		July 28.....	131.1	July 14.....	138.9
April 22.....	119.2			Oct. 5.....	143.1
				Dec. 8.....	143.3
				1932—	
				Jan. 11.....	143.0

Measurements from San Gabriel Valley Protective Association.

C-1123-N-16, ALEC, WILSON, BIVINS, ET AL. MAP 4

Location and description—10 feet south of Katella Avenue, 195 feet east of Placentia Avenue, west of Orange.

Reference point—Bottom edge of pump base, at ground.

Elevation of reference point—152.8, estimated by S. G. V. P. A.

Use—Irrigation.

Depth of well—225 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 15619.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 3.....	98.0	Sept. 3.....	111.8	Feb. 24.....	111.4
Dec. 21.....	96.3			April 29.....	114.0
				Dec. 8.....	120.0

Measurements from San Gabriel Valley Protective Association.

C-1124-M-16, CITY OF ANAHEIM—PLANT NO. 1, WELL NO. 1. MAP 3

Log Available

Location and description—320 feet south of Santa Ana Street, 120 feet east of Los Angeles Street, Anaheim.

Reference point—Top of concrete floor, 1 foot above ground.

Elevation of reference point—155, estimate by S. G. V. P. A.

Use—Municipal.

Depth of well—329 feet.

Other numbers used—Location No. 1187.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1928—		1931—	
June 11.....	97.6	Nov. 3.....	^a 110.1	Feb. 25.....	^a 122.0
Sept. 1.....	111.2	Dec. 17.....	^b 106.4	April 29.....	^c 126.5
1926—		1929—		July 14.....	133.7
June 8.....	102.3	April 15.....	^a 102.4	Oct. 6.....	137.1
Aug. 3.....	113.1			Nov. 3.....	138.6
Oct. 1.....	109.4	1930—		Dec. 8.....	129.1
Dec. 22.....	100.5	Jan. 15.....	^a 117.1	1932—	
1927—		April 28.....	^a 116.3	Jan. 19.....	125.6
Jan. 3.....	99.8	July 28.....	^a 123.5		
April 1.....	90.0	Sept. 3.....	^b 129.2		
Sept. 10.....	103.6	Oct. 28.....	^a 127.1		
Nov. 3.....	99.2				

^a No. 2 and No. 4 idle.

^b No. 3 pumping.

^c No. 3 idle.

^d No. 2 and No. 4 pumping.

^e No. 2 and No. 3 idle, No. 4 pumping.

Measurements from San Gabriel Valley Protective Association.

C-1128-N-16, SOUTHERN CALIFORNIA EDISON COMPANY, LTD. MAP 4

Location and description—50 feet east of State Highway (U. S. 101), and 50 feet south of Katella Avenue, west of Orange.

Reference point—Top of casing, 1.5 feet above floor and ground.

Elevation of reference point—143.5, estimated by D. W. R.

Use—Not used.

Depth of well—115 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 315, Corona Quad; Location No. 1199C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1929—	
May 21.....	89.0	Jan. 19.....	87.0	Feb. 18.....	93.2
Aug. 5.....	91.8	Mar. 1.....	86.2	Mar. 30.....	88.0
Oct. 4.....	93.4	May 8.....	94.0	April 4.....	93.5
Dec. 16.....	107.7	June 20.....	92.0	April 30.....	90.0
1927—		July 30.....	94.5		
Feb. 9.....	90.2	Aug. 30.....	94.0		
May 3.....	85.5	Sept. 30.....	96.0		
July 9.....	89.6	Nov. 30.....	95.0		
Sept. 5.....	95.5				
Oct. 17.....	90.0				
Dec. 13.....	90.0				

Measurements from Division of Water Resources to and including January 19, 1928; then, by Hoy, from Orange County Flood Control District.

C-1128a-N-16, SOUTHERN CALIFORNIA EDISON COMPANY, LTD. MAP 4

Log Available

Location and description—200 feet east of State Highway (U. S. 101), 100 feet south of Katella Avenue, west of Orange.

Reference point—Top of 1½-inch pipe by casing, 0.5 feet above ground.

Elevation of reference point—140.1, from levels by Hoy.

Use—Domestic.

Depth of well—200 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 1199D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
May 30.....	^a 92.5	Jan. 18.....	101.5	Feb. 28.....	^b 108.7
July 30.....	^a 92.5	Feb. 17.....	107.2	April 30.....	^b 109.9
Sept. 30.....	^a 98.0	Mar. 17.....	100.0	June 30.....	^b 110.4
Nov. 15.....	^a 109.5	May 30.....	105.7	July 31.....	^b 115.5
Nov. 30.....	^a 102.0	June 25.....	104.1	Sept. 30.....	^b 117.2
Dec. 30.....	^a 113.0	July 21.....	110.6	Oct. 31.....	^b 116.8
		July 30.....	107.3	Nov. 30.....	^b 117.8
		Aug. 30.....	112.0	Dec. 31.....	^b 115.9
		Oct. 30.....	109.8		
		Dec. 30.....	108.4	1932—	
				Jan. 31.....	^b 112.3

^a Measurement by Hoy.

^b Measurement from owner.

Measurements from Orange County Flood Control District except as noted.

C-1129j-N-16, HALDERMAN-CALLENS (FORMERLY J. B. NEFF WELL). MAP 3

Location and description—682 feet west of Palm Street, 100 feet south of Cerritos Avenue, south of Anaheim.

Reference point—Top of curb, 50.3 feet above top of casing, 0.5 feet above ground.

Elevation of reference point—136, estimated by D. W. R.

Use—Abandoned

Depth of well—100 feet.

Diameter of casing—10 inches.

Other numbers used—W. S. P. 468, page 44, Location No. 118^cC.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1898—		1907—		1916—	
Feb. 22.....	23.3	Feb. 1.....	47.7	Feb. 6.....	49.4
June 20.....	25.8	May 1.....	39.9	Mar. 20.....	42.7
Aug. 18.....	27.0	June 16.....	38.8	June 1.....	39.8
Oct. 3.....	28.0	Sept. 3.....	40.0	Aug. 1.....	42.0
Dec. 27.....	29.5	Dec. 31.....	38.5	Oct. 31.....	39.3
				Nov. 29.....	40.8
1899—		1908—		1917—	
Feb. 7.....	30.0	Jan. 28.....	38.8	Jan. 1.....	39.0
May 29.....	32.2	April 1.....	37.3	Mar. 20.....	36.3
Aug. 14.....	34.0	June 1.....	39.8	June 4.....	39.8
Oct. 29.....	35.1	Aug. 31.....	42.7	Oct. 1.....	45.2
				Dec. 1.....	44.8
1900—		1909—		1918—	
Jan. 11.....	36.0	Jan. 1.....	41.6	April 12.....	44.8
April 28.....	38.0	April 30.....	38.2	July 11.....	50.3
Aug. 31.....	40.1	June 15.....	40.2	Aug. 6.....	53.0
Nov. 27.....	41.0	July 31.....	41.6	Dec. 4.....	52.2
		Nov. 2.....	42.7		
1901—		1910—		1919—	
Jan. 1.....	40.9	Jan. 1.....	40.8	Mar. 8.....	50.4
Feb. 25.....	39.8	Mar. 31.....	37.1	June 2.....	54.3
April 1.....	39.1	July 28.....	43.1	July 10.....	62.3
June 30.....	39.9	Dec. 24.....	42.5	Aug. 6.....	63.2
Aug. 28.....	41.5			Dec. 1.....	58.3
Dec. 2.....	41.3				
1902—		1911—		1920—	
Mar. 2.....	42.3	Feb. 2.....	42.2	Mar. 30.....	57.0
June 1.....	44.0	April 8.....	39.8	May 30.....	59.8
Sept. 1.....	45.0	May 6.....	41.0	July 1.....	63.3
Dec. 1.....	45.2	July 25.....	44.0	Sept. 17.....	64.6
		Dec. 25.....	43.6	Dec. 9.....	63.2
1903—		1912—		1921—	
April 1.....	45.5	Feb. 6.....	44.3	Jan. 15.....	63.0
May 19.....	44.0	Feb. 29.....	46.6	Mar. 28.....	60.2
Aug. 1.....	45.2	April 1.....	45.1	Nov.	71.0
		June 1.....	48.5		
1904—		Sept. 4.....	52.5		
Jan. 1.....	45.5	Nov. 28.....	51.4		
May 1.....	47.0			1922—	
Aug. 31.....	50.8	1913—		Jan.	69.0
Oct. 31.....	50.7	Mar. 3.....	51.2	Mar.	62.0
		June 3.....	54.0		
1905—		Sept. 1.....	60.8	1924—	
Jan. 1.....	51.0	Dec. 1.....	58.6	Oct. 1.....	*48.0
Mar. 1.....	50.6			Dec. 1.....	*54.0
April 30.....	49.5	1914—			
July 1.....	51.3	April 1.....	55.0	1925—	
Aug. 31.....	52.6	July 1.....	56.8	May 1.....	*69.0
Dec. 1.....	51.4	Sept. 1.....	58.5	Aug. 1.....	*77.5
		Nov. 1.....	58.3	Dec. 1.....	*89.5
1906—		Dec. 1.....	57.3		
Mar. 31.....	50.8	1915—		1926—	
June 18.....	48.8	April 1.....	52.5	Mar. 1.....	*98.5
Aug. 7.....	51.2	June 1.....	52.8	May 1.....	*102.0
Nov. 1.....	50.2	Aug. 28.....	55.5	Sept. 1.....	*106.0
		Dec. 2.....	52.5	Dec. 1.....	*103.0
				Destroyed.	

* Measurement from Orange County Flood Control District.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records) except as noted.

C-1129m-N-16, HALDERMAN & CALLENS. MAP 3

Log Available

Location and description—682 feet west of Palm Street, 90 feet south of Cerritos Avenue, south of Anaheim. 7 feet north of C-1129j-N-16.

Reference point—Hole in east side of pump base, 0.1 feet above ground.

Elevation of reference point—136.1, from levels by O. Co. F. C. D., from local B. M.

Use—Irrigation.

Depth of well—475 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 1189A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1931—		1932—	
April 11.....	80.3	Jan. 21.....	108.8	Feb. 2.....	*107.2
1929—		Feb. 14.....	103.5		
April 17.....	85.5	Mar. 16.....	102.5		
1930—		April 17.....	107.2		
Dec. 31.....	116.0	May 19.....	105.7		
		Sept. 15.....	114.2		
		Oct. 21.....	112.1		
		Nov. 3.....	112.4		
		Dec. 21.....	*109.1		

* Measurement from San Gabriel Valley Protective Association.

Measurements from Orange County Flood Control District except as noted.

C-1130a-N-15, WILLIAM SCHNITGER. MAP 4

Location and description—0.2 miles east of Euclid Avenue, 0.12 miles north of Chapman Avenue, north of Garden Grove. Northwest well of two wells in concrete pit.

Reference point—Top of 2-inch planks, 0.4 feet above ground.

Elevation of reference point—107.3, from levels by O. Co. F. C. D. from local B. M.

Use—Domestic.

Depth of well—128 feet.

Diameter of casing—7 inches.

Other numbers used—State Div. E. and I. No. 206, Corona Quad.; Location No. 14461A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1930—		1931—	
Sept. 21.....	*59.6	Mar. 6.....	66.7	Jan. 21.....	73.4
1927—		April 11.....	69.4	Feb. 20.....	72.7
Oct. 28.....	*60.5	Sept. 24.....	78.3	April 6.....	79.5
1928—		Oct. 7.....	78.8	May 11.....	75.0
Feb. 28.....	*55.6	Nov. 25.....	75.3	July 10.....	84.2
April 24.....	*62.4			Aug. 14.....	87.2
Nov. 30.....	*61.8			Sept. 14.....	84.2
				Oct. 19.....	84.0
				Nov. 23.....	82.0
				Dec. 22.....	79.8
				1932—	
				Jan. 18.....	78.4

* Measurement by Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1131-N-17, JOHN ADAMS. MAP 4

Location and description—50 feet east of Main Street and 0.75 miles north of Chapman Street, 200 feet south of A. F. & S. F. Ry., Orange.

Reference point—Top of casing to and including October 31, 1928; then, top of hole in pump base, 0.4 feet above concrete floor and ground.

Elevation of reference point—160.1, to and including October 31, 1928, from levels by State Div. E. and I., then, 162.1, estimated by S. G. V. P. A.

Use—Domestic and irrigation.

Depth of well—235 feet.

Diameter of casing—14 inches.

Other numbers used—State Div. E. and I. No. 312, Corona Quad, Location No. 14530.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1927—		1929—	
June 1.....	84.0	Feb. 28.....	95.0	April 22.....	102.0
Aug. 11.....	93.5	April 30.....	87.0		
Oct. 1.....	95.8	June 30.....	90.5	1930—	
Nov. 1.....	97.0	Aug. 31.....	96.0	May 5.....	113.2
Dec. 31.....	94.5	Oct. 31.....	96.5	Nov. 3.....	121.4
		Dec. 28.....	95.5		
1926—		1928—		1931—	
Mar. 31.....	97.0	Mar. 1.....	92.5	Feb. 25.....	119.6
May 27.....	94.0	May 30.....	95.0	April 29.....	122.2
July 28.....	96.0	July 30.....	99.0	Oct. 5.....	129.4
Oct. 31.....	100.5	Sept. 29.....	103.0	Nov. 3.....	130.2
Dec 31.....	99.0	Nov. 17.....	103.0	Dec. 8.....	129.1
		Dec. 20.....	102.5		

Measurements from Division of Water Resources to and including April 1, 1928; then from Orange County Flood Control District to and including October 31, 1928; then from San Gabriel Valley Protective Association.

C-1132-N-17, HERMAN STRUCK. MAP 4

Location and description—135 feet north of Collins Street, 0.2 miles west of Batavia Street, Orange.

Reference point—Top of 2-inch blocks over casing, 1.7 feet above ground.

Elevation of reference point—166.7, estimated by S. G. V. P. A.

Use—Domestic.

Depth of well—110 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 15639.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 17.....	94.4	May 5.....	101.0	Feb. 25.....	103.6
Dec. 20.....	95.1	July 29.....	101.6	April 29.....	104.2
		Nov. 3.....	102.4	July 14.....	104.4
1929—				Oct. 5.....	105.1
April 22.....	95.2			Nov. 3.....	105.3

Measurements from San Gabriel Valley Protective Association.

C-1143-N-16, W. G. COMPTON. MAP 4

Log Available

Location and description—150 feet south of West Chapman Avenue, 0.12 miles east of Lewis Street, west of Orange.

Reference point—Bottom edge of pump base, 0.03 feet above concrete and 0.8 feet above ground.

Elevation of reference point—134.8, estimated by S. G. V. P. A.

Use—Domestic.

Depth of well—182 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 14501A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 17.....	83.7	May 5.....	91.2	Feb. 25.....	96.5
Dec. 20.....	82.5	July 29.....	100.8	Mar. 30.....	106.8
		Nov. 3.....	101.8	April 29.....	100.1
1929—				July 14.....	112.3
April 22.....	83.6			Oct. 6.....	108.5
				Nov. 3.....	109.8

Measurements from San Gabriel Valley Protective Association.

C-1150-O-17, JACOB MUELLER. MAP 4

Location and description—180 feet south of Fairhaven Avenue, 150 feet east of Grand Avenue, south of Orange.

Reference point—Lower inside edge of galvanized pipe tee east of pump house, 7.5 feet above pump base at level of concrete floor and ground.

Elevation of reference point—209.8, estimated by S. G. V. P. A.

Use—Irrigation and domestic.

Depth of well—440 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 14552.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 19.....	145.1	May 5.....	154.3	Feb. 25.....	160.9
Dec. 21.....	143.0	Nov. 3.....	167.7	Mar. 31.....	167.6
				April 29.....	167.5
				July 14.....	173.9
				Oct. 6.....	176.3
				Nov. 3.....	177.4

Measurements from San Gabriel Valley Protective Association.

C-1151-O-16, MULLER, TOD & BENNETT. MAP 4

Location and description—90 feet south of Ocean Avenue, 0.6 miles east of Berrydale Avenue, northwest of Santa Ana.

Reference point—Top edge of $\frac{1}{2}$ -inch hole in lower flange on pump head, 0.4 feet above concrete block under base, 2.2 feet above ground.

Elevation of reference point—118.0, estimated by S. G. V. P. A.

Use—Irrigation.

Other numbers used—Location No. 14502

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1931—		1932—	
Nov. 20.....	66.3	Feb. 25.....	78.5	Jan. 11.....	84.5
Dec. 21.....	64.7	Mar. 31.....	85.3		
		April 29.....	82.4		
1930—		July 14.....	92.8		
May 5.....	73.7	Oct. 6.....	90.4		
July 30.....	83.4	Dec. 8.....	86.1		
Nov. 3.....	84.7				

Measurements from San Gabriel Valley Protective Association.

C-1153b-O-12, GLEN C. BOWER. MAP 4

Location and description—0.25 miles south of Ocean Avenue and 200 feet east of Newhope Street, Garden Grove.

Reference point—Center of air gauge.

Elevation of reference point—92.0, from levels by Hoy.

Use—Irrigation.

Depth of well—188 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 304, Corona Quad.; Location No. 14473A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1927—		1929—	
Aug. 10.....	53	Jan. 20.....	41	Jan. 9.....	49.0
Nov.	43	April 12.....	39.5	April 15.....	48.5
		June 6.....	46.7	June 17.....	58.0
1926—		July 14.....	53.7	July 19.....	67.5
Jan. 1.....	40.5	Oct. 16.....	51.0	Nov. 2.....	62.0
April 24.....	42.0	Dec. 15.....	45		
June 2.....	49.5			1930—	
July 19.....	51.5	1928—		Jan. 20.....	56.0
Sept. 1.....	59.0	Jan. 2.....	41	April 23.....	66.5
Oct. 5.....	49.0	April 2.....	42.0	May 13.....	57.0
Nov. 22.....	48.5	May 14.....	49.0	June 18.....	66.0
		Aug. 6.....	57.0	Aug. 30.....	75.5
		Sept. 3.....	60.0	Oct. 6.....	67.0
		Nov. 2.....	53.0		

Measurements by owner to and including April 25, 1928; then from Orange County Flood Control District.

C-1156-O-17, H. T. ECKLES ET AL. MAP 4

Location and description—40 feet west of Main Street, 20 feet south of West Orange Road, 0.75 miles south of Chapman Avenue, north of Santa Ana.

Reference point—Lower edge of 8-inch discharge pipe in concrete standpipe east of building, 5.9 feet above ground, to and including April 22, 1929; then, base of pump at ground.

Elevation of reference point—158.9, to and including April 22, 1929; then, 153.0; estimated by S. G. V. A.

Use—Not used.

Depth of well—217 feet.

Diameter of casing—8 inches.

Other numbers used—Location No. 14532.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
Nov. 19.....	103.8	May 5.....	107.1	Feb. 25.....	112.1
Dec. 21.....	102.4	July 30.....	111.7	April 29.....	116.0
		Nov. 3.....	114.1	July 14.....	118.9
1929—				Oct. 6.....	121.4
April 22.....	102.4			Nov. 3.....	121.8
				Dec. 8.....	120.7

Measurements from San Gabriel Valley Protective Association.

C-1158a-O-15, JOHN LAE. MAP 4

Location and description—125 feet south of Ocean Avenue and 0.2 miles east of Gilbert Avenue, west of Garden Grove.

Reference point—Top of 2-inch block on casing, 1.1 feet above ground.

Elevation of reference point—74.4, from levels by O. Co. F. C. D., from local B. M.

Use—Domestic.

Depth of well—165 feet.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. No. 3P-60; Location No. 14432C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 16.....	31.5	Jan. 21.....	41.8	Jan. 18.....	45.7
Sept. 10.....	56.1	April 6.....	55.1		
Oct. 6.....	53.0	May 19.....	50.0		
Nov. 17.....	46.1	June 5.....	52.8		
Dec. 24.....	47.7	Sept. 18.....	60.7		
		Oct. 14.....	57.2		

Measurements from Orange County Flood Control District.

C-1160a-O-16, G. R. W. ROBERTS (FORMERLY D. D. PARSONS). MAP 4

Location and description—0.16 miles south of 17th Street, 300 feet east of Buaro Street, southeast of Garden Grove.

Reference point—Top of casing, 0.6 feet above ground.

Elevation of reference point—88.1, from levels by O. Co. F. C. D., from local B. M.

Use—Domestic.

Depth of well—116 feet.

Diameter of casing—7 inches.

Other numbers used—State Div. E. and I. No. 35, Corona Quad.; Location No. 14484A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— June 14.....	*24.4	1923— April 24.....	*44.4	1931— Feb. 20.....	66.1
1925— Sept. 21.....	*42.6	1930— April 25.....	56.1	June 5.....	65.6
1927— Oct. 28.....	*41.5	Sept. 24.....	70.4	Sept. 16.....	66.9
		Oct. 6.....	71.3	Oct. 21.....	65.0
		Dec. 24.....	55.5	Nov. 13.....	61.8
				1932— Jan. 18.....	57.2

* Measurements from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1162-O-16, N. L. SMITH. MAP 4

Location and description—100 feet south of 17th Street, 0.22 miles west of Berrydale Avenue, west of Santa Ana.

Reference point—(a) Top of casing, 0.7 feet above ground; (b) top of block, 0.17 feet above top of casing; (c) lower edge of pump base, 0.4 feet above ground.

Elevation of reference point—(a) 96.8; (b) 97.0; (c) 96.5; from levels by O. Co. F. C. D., from local B. M.

Use—Not used.

Depth of well—100 feet.

Diameter of casing—7 inches.

Other numbers used—State Div. E. and I. No. 36, Corona Quad.; Location No. 14494.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— June 14.....	*d26.1	1929— April 22.....	*47.4	1931— Feb. 25.....	*57.9
1924— Oct. 23.....	*d33.1	1930— Feb. 26.....	b52.4	April 29.....	*62.9
1927— Oct. 28.....	*d45.8	Mar. 21.....	b53.2	May 20.....	*64.1
1928— April 24.....	*d46.5	May 16.....	b54.0	Aug. 15.....	*68.9
Nov. 20.....	*47.5	July 30.....	*63.8	Sept. 16.....	*70.0
Dec. 21.....	*45.7	Nov. 3.....	*63.9	Nov. 13.....	*67.5
				1932— Jan. 18.....	*64.2

* Reference point (a) used.

b Reference point (b) used.

c Reference point (c) used.

d Measurement from Division of Water Resources.

e Measurement from Orange County Flood Control District.

Measurements from San Gabriel Valley Protective Association except as noted.

C-1162b-O-16, J. H. STEWART. MAP 4

Location and description—200 feet north of Fifth Street, 100 feet west of King Street, west of Santa Ana.

Reference point—Top of casing, 0.3 feet below ground.

Elevation of reference point—84.3, from levels by O. Co. F. C. D. from local B. M.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—O. Co. F. C. D. Corona No. 1a, Location No. 14495A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Dec. 24.....	57.0	1931— Jan. 22..... Mar. 16..... April 6.....	44.9 52.0 54.1	1931—Cont. June 6..... July 11..... Oct. 1..... Nov. 13.....	57.5 65.0 54.6 53.9

Measurements from Orange County Flood Control District.

C-1167a-O-15, CUNNINGHAM & PATTERSON. MAP 4

Location and description—300 feet east of Verano Street, 100 feet north of Bolsa Avenue, west of Santa Ana.

Reference point—Top of casing on north side, 0.5 feet above ground, to and including June 17, 1930, then, top of casing at ground.

Elevation of reference point—69.7, to and including June 17, 1930; then, 69.2; from levels by State Div. E. and I.

Use—Irrigation.

Depth of well—218 feet.

Diameter of casing—5 inches.

Other numbers used—O. Co. F. C. D. No. 1P-57; State Div. E. and I. No. 3, Corona Quad.; Location No. 14465A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— June 13.....	*24.2	1928— April 27.....	*34.3	1930—Cont. Sept. 8..... Oct. 6..... Nov. 19.....	54.3 50.7 42.9
1925— Sept. 22.....	*35.4	1930— Feb. 19..... April 3..... May 22..... June 17.....	36.0 38.0 39.5 50.2	1931— Jan. 21..... Feb. 20.....	39.1 40.3
1927— Nov. 12.....	*27.1				

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1168-O-15, J. MARTINEZ (FORMERLY J. A. LIPSCOMB). MAP 4

Location and description—150 feet east of Verano Street, 60 feet south of Westminster Avenue, south of Garden Grove.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—75.2, from levels by O. Co. F. C. D. from local B. M.

Use—Domestic.

Depth of well—250 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 4, Corona Quad.; Location No. 14464.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— June 13.....	*18.4	1928— April 24..... Nov. 28.....	*36.2 33.7	1931— Jan. 21..... Mar. 16..... April 6..... May 20..... July 11..... Sept. 16..... Nov. 13.....	42.7 53.2 57.4 52.4 61.3 59.5 52.7
1924— Sept.	*22.0	1930— Feb. 19..... April 3..... May 22..... Oct. 6..... Dec. 23.....	38.7 40.1 42.5 52.8 49.3	1932— Jan. 18.....	46.4
1925— Sept. 21.....	*37.4				
1927— Nov. 7.....	*31.2				

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1180-P-17, SOUTHERN CALIFORNIA EDISON COMPANY, LTD. MAP 4

Location and description—200 feet east of Main Street, 725 feet north of Newport Road at Main Street, 100 feet south of Sunflower Avenue, south of Santa Ana.

Reference point—Top of valve, 3 6 feet above ground.

Elevation of reference point—38.2, from levels by owner.

Use—Domestic and plant.

Depth of well—458 feet.

Diameter of casing—15 inches.

Other numbers used—State Div. E. and I. No. 316, Corona Quad.; Location No. 13330.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—Cont.		1930—	
Dec. 19.....	^a 5 6	June 20.....	^b 10 2	Jan. 8.....	^b 14 6
		Sept. 14.....	^b 22 0	Feb. 17.....	^b 9 8
1927—		Nov. 19.....	^b 9 8	Mar. 17.....	^b 13 8
Jan. 4.....	^a 2 1			June 25.....	^b 17 9
April 16.....	^a +2 6	1929—		July 21.....	^b 27 5
June 10.....	^a 5 3	Jan. 16.....	^b 3 8	Sept. 3.....	^c 28 4
Sept. 5.....	^a 14 8	Feb. 18.....	^b 1 9	Nov. 21.....	^c 23 8
Nov. 10.....	^a 8 0	April 4.....	^b 19 8		
1928—		July 12.....	^b 23 1	1931—	
Jan. 19.....	^b 3 3	Sept. 7.....	^b 31 0	Jan. 5.....	^c 17 6
Mar.	^b +1 7	Nov. 15.....	^c 21 4	April 28.....	^c 39 7
April	^b 5 2				

^a Measurement from Division of Water Resources.

^b Measurement by Hoy from United States Geological Survey.

^c Measurement from Orange County Flood Control District.

C-1191-O-16, CITY OF SANTA ANA, NO. 9. MAP 4

Log Available

Location and description—300 feet east of Olive Street, 175 feet north of Sixth Street, Santa Ana.
Reference point—Concrete floor, at ground, to and including April, 1928; then, top edge of 4-inch pipe, east side of pump, at ground.

Elevation of reference point—113.3, from levels by Hoy.

Use—Municipal.

Depth of well—1100 feet.

Diameter of casing—16 inches.

Other numbers used—State Div. E. and I., No. 242, Corona Quad.; Location No. 14525E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1928—		1930—	
Nov.	^a 66 4	Jan. 25.....	66 0	Feb. 25.....	77 0
1926—		Feb. 25.....	64 4	June 25.....	87 0
Jan. 26.....	64 0	Mar. 25.....	71 0	Aug. 25.....	108 0
June 20.....	75 6	June 25.....	74 4		
Nov. 25.....	81 0	Sept. 25.....	79 0		
Dec. 22.....	66 0	Dec. 25.....	66 6		
1927—		1929—			
Jan. 20.....	66 4	Jan. 25.....	66 0		
Mar. 25.....	64 0	Mar. 25.....	71 0		
June 25.....	76 8	June 25.....	81 5		
Dec. 25.....	65 0	Sept. 25.....	93 0		
		Dec. 25.....	74 0		

^a Measurement by Hoy, from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1193a-O-17, A. B. CHAPMAN. MAP 4

Location and description—300 feet north of 17th Street, 100 feet east of Yorba Street, east of Santa Ana.

Reference point—Top of casing, 3.0 feet above ground.

Elevation of reference point—173.8, from levels by State Div. E. and I.

Use—Not used.

Depth of well—184 feet.

Diameter of casing—9 inches.

Other numbers used—State Div. E. and I. No. 54, Corona Quad.; Location No. 14574A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1928—		1931—	
June 23.....	* 83.8	April 26.....	*109.5	Jan. 24.....	131.2
		Dec. 5.....	114.2	Feb. 26.....	130.5
1925—				April 17.....	137.8
Sept. 9.....	*113.4	1930—		June 12.....	134.2
		April 7.....	124.4	Oct. 15.....	143.8
1927—		Sept. 16.....	133.8	Nov. 25.....	142.6
Nov. 22.....	*112.0	Dec. 3.....	133.3		
				1932—	
				Jan. 27.....	137.7

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1194-O-18, D. D. FIELD. MAP 4

Location and description—200 feet north of 17th Street, 100 feet east of Holt Avenue extended, east of Santa Ana.

Reference point—Top of sill, 0.9 feet above ground, to and including June 26, 1930; then, top of casing, 0.4 feet above ground.

Elevation of reference point—178.0 to and including June 26, 1930; then, 177.5; from levels by O. Co. F. C. D., from local B. M.

Use—Not used.

Depth of well—197 feet.

Diameter of casing—12 inches.

Other numbers used—O. Co. F. C. D. No. 1P-77; Location No. 14584A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—Cont.		1932—	
May 27.....	130.6	April 17.....	148.2	Jan. 27.....	149.8
June 26.....	137.5	June 12.....	145.5		
Dec. 29.....	147.6	Aug. 19.....	154.4		
		Oct. 15.....	156.7		
1931—		Nov. 23.....	156.9		
Jan. 24.....	145.0				
Feb. 26.....	141.5				

Measurements from Orange County Flood Control District.

C-1197-O-17, B. V. TUBBS. MAP 4

Log Available

Location and description—400 feet east of Tustin Street, 0.1 miles north of Fourth Street, east of Santa Ana.

Reference point—Curb of pit, at ground.

Elevation of reference point—150.5, from levels by State Div. E. and I.

Use—Domestic and irrigation.

Depth of well—220 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 175, Corona Quad.; Location No. 14565B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1928—		1931—	
.....	*75.0	Mar. 9.....	*84.0	Jan. 24.....	102.2
		April 26.....	*85.5	Feb. 26.....	101.2
1925—				April 17.....	105.2
Sept. 10.....	*88.0	1930—		June 12.....	104.1
		Dec. 3.....	103.7		

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1198-O-17, H. R. SMITH. MAP 4

Log Available

Location and description—250 feet west of Prospect Avenue, 0.25 miles south of 17th Street, east of Santa Ana.

Reference point—Top of pit, 0.2 feet above ground.

Elevation of reference point—148.7, from levels by State Div. E. and I.

Use—Irrigation.

Depth of well—310 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 52, Corona Quad.; Location No. 14574.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1913—		1919—		1925—	
-----	45.0	Aug. -----	75.3	May 16 -----	87.5
1914—		1920—		Sept. 10 -----	92.1
Jan. 26 -----	56.0	Sept. -----	79.3	1928—	
1916—		1922—		Feb. 8 -----	89.3
April -----	50.0	Jan. 23 -----	63.3	May 10 -----	94.8
May -----	53.0				

Measurements by owner from Division of Water Resources.

C-1200-P-15, H. Y. EVANS. MAP 4

Location and description—200 feet south of Wintersburg Avenue and 200 feet west of Wright Street, east of Wintersburg.

Reference point—Top of casing, 0.6 feet above ground.

Elevation of reference point—51.8, from levels by O. Co. F. C. D. from local B. M.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. No. 1P-17; Location No. 14448.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Aug. 5 -----	26.4	Feb. 19 -----	13.5	Jan. 15 -----	12.5
Oct. 4 -----	20.1	April 28 -----	20.2		
Dec. 23 -----	13.1	June 3 -----	17.5		
		Aug. 12 -----	30.0		
		Oct. 9 -----	21.4		
		Dec. 22 -----	13.4		

Measurements from Orange County Flood Control District.

C-1201-P-15, MR. VAZ. MAP 4

Location and description—250 feet south of Smeltzer Avenue, 0.2 miles east of Wright Street, north-east of Wintersburg.

Reference point—Notch on west side of casing, 0.6 feet above ground.

Elevation of reference point—45.8, from levels by D. W. R.

Use—Irrigation and domestic.

Diameter of casing—12 inches.

Other numbers used—O. Co. F. C. D. No. 1P-72; Location No. 14447.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Sept. 20 -----	32.2	Jan. 5 -----	20.6	Jan. 15 -----	22.3
Dec. 23 -----	22.6	Mar. 11 -----	30.8		
		May 19 -----	26.7		
		Aug. 12 -----	41.1		
		Oct. 9 -----	30.7		
		Dec. 22 -----	22.8		

Measurements from Orange County Flood Control District.

C-1203-P-15, SHIMAZU. MAP 4

Location and description—0.25 miles south of Smeltzer Avenue, 125 feet west of Verano Street, northeast of Wintersburg.

Reference point—West side of top of casing, 0.2 feet above ground.

Elevation of reference point—48.9, from levels by D. W. R.

Use—Domestic.

Diameter of casing—5 inches.

Other numbers used—O. Co. F. C. D. No. 2P-18; Location No. 14467.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Dec. 23.....	25.8	1931— April 7.....	41.5	1932— Jan. 19.....	25.2
		June 3.....	29.9		
		Aug. 12.....	45.3		
		Oct. 9.....	33.6		
		Dec. 22.....	25.8		

Measurements from Orange County Flood Control District.

C-1204-P-15, LOUIS JACOB. MAP 4

Location and description—200 feet west of Buaro Street and 10 feet south of Smeltzer Avenue, west of Santa Ana.

Reference point—Gage, 2.0 feet above ground.

Elevation of reference point—61.3, from levels by D. W. R.

Use—Domestic and irrigation.

Diameter of casing—12 inches.

Other numbers used—O. Co. F. C. D. No. 1P-35; Location No. 14487B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— June 17.....	42.2	1931— Jan. 5.....	34.2	1931—Cont. June 3.....	41.0
Oct. 6.....	42.7	Feb. 19.....	33.7	Aug. 15.....	50.5
Nov. 25.....	36.4	April 7.....	51.2	Nov. 6.....	42.5
				Dec. 22.....	36.3

Measurements from Orange County Flood Control District.

C-1205-P-16, R. A. WEST. MAP 4

Location and description—50 feet south of Edinger Street, 0.25 miles east of Bristol Street, Santa Ana. Casing in open pit.

Reference point—Top of pump sill 1.1 feet above ground.

Elevation of reference point—63.3, from levels by State Div. E. and I.

Use—Abandoned.

Depth of well—220 feet.

Other numbers used—State Div. E. and I. No. 9, Corona Quad.; Location No. 14517.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— June 13.....	*5.5	1927— Nov. 27.....	*9.7	1930— Apr. 3.....	9.3
1924— Oct. 20.....	*7.0	1928— April 28.....	*8.5	Sept. 15.....	9.4
1925— Sept. 22.....	*11.3	Dec. 1.....	*9.8	Oct. 6.....	9.5
				1931— Jan. 2.....	Destroyed

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

NOTE.—Probably surface water. Pit has probably caved in and filled casing.

C-1206-O-17, ELDEN FULLER (FORMERLY RAY LAMBERT). MAP 4

Location and description—50 feet south of McFadden Street and 500 feet west of Lyons Street, Santa Ana.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—107.3, from levels by State Div. E. and I.

Use—Not used.

Depth of well—185 feet.

Diameter of casing—7 inches

Other numbers used—State Div. E. and I. No. 64, Corona Quad.; Location No. 14556.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— June 26.....	*24.8	1925— Sept. 9.....	*32.6	1928— April 30..... Dec. 5.....	*37.4 38.5
1924— Oct. 26.....	*29.9	1927— Nov. 26.....	*39.7	1930— July 23.....	*37.3

* Measurement from Division of Water Resources.

b Dry, caved in.

Measurements from Orange County Flood Control District except as noted.

C-1207-O-18, IRVINE RANCH COMPANY. MAP 4

Location and description—400 feet southeast of Browning Avenue, 200 feet northeast of Bryan Avenue, 300 feet east of Plant No. 40; east of Santa Ana.

Reference point—Top of casing, 1.5 feet above ground.

Elevation of reference point—97.5, from levels by State Div. E. and I.

Use—Not used.

Depth of well—232 feet.

Diameter of casing—10 inches.

Other numbers used—State Div. E. and I. No. 117, Corona Quad.; Location No. 14596.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— Sept. 11.....	*41.0	1928— April 30..... Dec. 5.....	*35.6 39.1	1931— Jan. 28..... Feb. 24..... May 29..... June 12..... Aug. 19..... Oct. 16..... Nov. 18.....	48.0 46.5 50.8 56.4 73.2 74.8 61.0
1924— Oct. 27.....	*41.7	1930— April 4..... Sept. 16..... Oct. 16..... Dec. 2.....	44.8 68.3 56.1 56.8		
1927— Nov. 23.....	*33.0				

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1209-P-18, SAN JOAQUIN FRUIT COMPANY. MAP 4

Log Available

Location and description—0.4 miles southwest of State Highway and 0.25 miles southeast of Browning Avenue, southeast of Santa Ana.

Reference point—Top of concrete pit, inside edge, 2.2 feet above ground.

Elevation of reference point—82.5, from levels by O. Co. F. C. D., from local B. M.

Use—Irrigation.

Depth of well—507 feet.

Diameter of casing—12 inches.

Other numbers used—O. Co. F. C. D. No. 1P-62; Location No. 14597C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— June 25..... Sept. 15..... Oct. 9..... Dec. 31.....	24.7 31.9 30.9 29.7	1931— Jan. 28..... Mar. 19..... April 28..... May 27.....	28.8 29.5 33.3 30.3	1931—Cont. Aug. 19..... Nov. 18.....	36.4 36.5

Measurements from Orange County Flood Control District.

C-1211a-P-18, IRVINE RANCH COMPANY. MAP 4

Location and description—20 feet north of State Highway and 15 feet south of Trabuco Road, southeast of Santa Ana.

Reference point—Top of pump base, 0.5 feet above ground.

Elevation of reference point—106.0, from levels by State Div. E. and I.

Use—Domestic.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 121a, Corona Quad.; Location No. 14629A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925— Sept. 22.....	*76.4	1928— April 30.....	*83.0	1931— Jan. 28.....	79.9
1927— Nov. 25.....	*58.7	1930— Dec. 2.....	89.0	Feb. 24.....	64.6
				April 28.....	117.3
				June 12.....	80.0
				Sept. 22.....	127.1
				Oct. 16.....	101.9

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1212-P-19, IRVINE RANCH COMPANY. MAP 4

Location and description—0.15 miles southeast of Culver Road, extended, and 0.5 miles northeast of Irvine Boulevard, north of Irvine.

Reference point—Top of casing, 0.2 feet above ground.

Elevation of reference point—224.0, from levels by State Div. E. and I.

Use—Domestic.

Depth of well—100 feet.

Diameter of casing—6 inches.

Other numbers used—State Div. E. and I. No. 152, Corona Quad.; Location No. 14637B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— Sept. 1.....	*97.0	1928— April 30.....	*190.5	1931— Jan. 28.....	133.9
1925— Sept. 23.....	*130.6	1930— Dec. 2.....	133.6	Mar. 20.....	134.3
1927— Nov. 25.....	*192.0			May 29.....	135.4
				Sept. 22.....	137.6
				Oct. 16.....	137.7

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1217a-Q-19, SOUTHERN CALIFORNIA EDISON COMPANY, LTD. MAP 4

Log Available

Location and description—150 feet northeast of Trabuco Road, 0.45 miles southeast of Central Avenue, northeast of Irvine.

Reference point—North side of casing, at ground.

Elevation of reference point—193, estimate by D. W. R.

Use—Domestic and plant.

Depth of well—429 feet.

Diameter of casing—6 inches.

Other numbers used—O. Co. F. C. D. No. 5P-43; Location No. 14451.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927— Dec. 12.....	216.0	1931— Feb. 28.....	238.4	1931—Cont. Sept. 22.....	256.1
		Mar. 19.....	248.2	Oct. 16.....	248.2
		May 4.....	251.1	Nov. 18.....	248.3
		June 12.....	245.2		
		July 15.....	260.1		

Measurements from Orange County Flood Control District.

C-1220a-Q-18, IRVINE RANCH COMPANY. MAP 4

Location and description—100 feet northwest of junction of Central Avenue and Lagona Canyon Road, southwest of Irvine.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—155, from map by State Div. E. and I.

Use—Not used.

Depth of well—134 feet.

Diameter of casing—16 inches.

Other numbers used—State Div. E. and I. No. 135, Corona Quad.; Location No. 13423.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1928—		1931—	
Aug. 21.....	*18.6	Mar. 3.....	*72.0	Feb. 24.....	86.9
		May 8.....	*68.3	May 27.....	87.3
1925—		Dec. 1.....	76.0	June 12.....	87.4
Dec. 31.....	*72.4			Aug. 19.....	91.8
		1930—		Nov. 18.....	91.6
		Sept. 15.....	85.8		
		Oct. 11.....	85.3		
		Dec. 2.....	86.8		

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1222-Q-18, MR. McFADDEN, NO. 3. MAP 4

Location and description—20 feet north and 40 feet west of Valencia Avenue and Jeffrey Road, west of Irvine.

Reference point—Top of casing, 0.4 feet below ground.

Elevation of reference point—125, from levels by State Div. E. and I.

Use—Domestic.

Depth of well—220 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 122, Corona Quad.; Location No. 13422.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1931—	
Aug. 11.....	*58.0	Nov. 25.....	*42.6	Jan. 28.....	55.7
				Mar. 19.....	56.0
1924—		1928—		May 27.....	57.4
Oct. 27.....	*45.6	April 30.....	*49.2	Aug. 19.....	59.4
		Dec. 21.....	62.7	Oct. 16.....	60.1
1925—		1930—		Nov. 18.....	59.4
Sept. 24.....	*44.6	April 7.....	53.8		
		Sept. 15.....	55.5		
		Dec. 2.....	55.8		

* Measurements from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1224-Q-18, IRVINE RANCH COMPANY, PLANT NO. 13. MAP 4

Location and description—0.65 miles southeast of Culver Road, 150 feet southwest of Harkle Road, west of Irvine.

Reference point—Top of casing at ground.

Elevation of reference point—96, estimate by State Div. E. and I.

Use—Domestic.

Depth of well—310 feet.

Diameter of casing—15 inches.

Other numbers used—State Div. E. and I. No. 125, Corona Quad.; Location No. 13402.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— Aug. 11.....	*33.5	1928— April 30.....	*35.2	1931— Jan. 28.....	39.4
		Dec. 1.....	38.0	Mar. 19.....	49.3
1924— Oct. 27.....	*32.7	1930— April 5.....	37.3	May 27.....	40.7
		Sept. 15.....	39.3	July 14.....	41.0
1925— Sept. 24.....	*33.8	Dec. 2.....	39.7	Sept. 22.....	42.3
				Nov. 18.....	41.8
1927— Nov. 25.....	*34.6				

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1225-Q-18, IRVINE RANCH COMPANY, (WHISTLER PLACE). MAP 4

Location and description—1.1 miles southeast and 0.3 miles southwest of corner of Lane and Culver Roads, west of Irvine. Lone shed 300 feet south of ranch house, in draw.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—101.0, from levels by State Div. E. and I.

Use—Domestic.

Diameter of casing—8 inches.

Other numbers used—State Div. E. and I. No. 139, Corona Quad.; Location No. 13394.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— Aug. 21.....	*8.2	1928— April 30.....	*10.4	1931— Jan. 28.....	14.6
				Mar. 19.....	15.0
1924— Oct. 28.....	*12.2	1930— Dec. 2.....	14.1	May 4.....	14.0
				July 14.....	15.0
1927— Nov. 25.....	*10.6			Nov. 18.....	16.4

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1226-Q-17, IRVINE RANCH COMPANY (CATTLE RANCH). MAP 4

Location and description—0.7 miles southwest of Lane Road, 0.2 miles northwest of Culver Road, extended, west of Irvine.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—70.5, from levels by State Div. E. and I.

Use—Domestic.

Diameter of casing—4 inches.

Other numbers used—State Div. E. and I. No. 138, Corona Quad.; Location No. 13363.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— Aug. 21.....	*1.1	1927— Nov. 25.....	*8.4	1931— Jan. 28.....	16.5
				Feb. 24.....	15.3
1924— Oct. 28.....	*4.2	1928— April 30.....	*7.0	Mar. 19.....	16.8
				June 12.....	23.0
1925— Oct. 10.....	*10.0	1930— Dec. 2.....	19.1	Sept. 22.....	25.2
				Oct. 16.....	24.4

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1230-P-17, MR. EMMETT. MAP 4

Location and description—20 feet south of P. E. Ry. and 30 feet west of Haladay Street, south of Santa Ana.

Reference point—Air gage, 1.5 feet above ground.

Elevation of reference point—55.2, from levels by O. Co. F. C. D. from local B. M.

Use—Irrigation.

Depth of well—350 feet.

Diameter of casing—10 inches.

Other numbers used—O. Co. F. C. D. No. 1P-61, Location No. 14548B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
June 25.....	28.0	Jan. 22.....	18.2	June 6.....	28.5
Oct. 9.....	27.1	April 28.....	33.0	Nov. 16.....	27.0
Dec. 2.....	21.6	May 26.....	24.5	Dec. 22.....	23.5

Measurements from Orange County Flood Control District.

C-1231a-P-17, IRVINE RANCH COMPANY (LOGIER). MAP 4

Location and description—30 feet south of Delhi Road and 50 feet west of Redhill Avenue, south-east of Santa Ana.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—62.1, from levels by O. Co. F. C. D. from local B. M.

Use—Domestic.

Diameter of casing—4 inches.

Other numbers used—O. Co. F. C. D. No. 1P-54, State Div. E. and I. No. 200, Corona Quad.; Location No. 14568A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1930—		1931—	
Oct. 10.....	*15.4	May 28.....	16.6	Jan. 22.....	26.3
		June 25.....	24.6	Feb. 24.....	22.9
1927—		Sept. 15.....	32.4	Mar. 18.....	30.6
Nov. 25.....	*24.8	Oct. 9.....	30.2	May 26.....	31.4
		Dec. 31.....	26.2	Aug. 18.....	42.0
1928—				Oct. 9.....	35.3
April 30.....	*30.4			Nov. 16.....	38.3
Dec. 5.....	15.6			Dec. 22.....	30.9

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1231b-P-17, W. J. POLLARD. MAP 4

Location and description—0.1 miles west of Redhill Avenue and 0.5 miles south of Dyer Road, south of Santa Ana.

Reference point—Gage, 1 foot above ground, to and including October 15, 1930; then, top of casing, 0.3 feet below ground.

Elevation of reference point—41.4 to and including October 15, 1930, then, 40.1; from levels by O. Co. F. C. D. from local B. M.

Use—Irrigation.

Depth of well—600 feet.

Diameter of casing—12 inches.

Other numbers used—O. Co. F. C. D. No. 1P-55, Location No. 14559.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
May 28.....	42	Jan. 22.....	17.3		
June 25.....	28	May 26.....	27.6		
Sept. 15.....	28.1	Sept. 2.....	40.2		
Oct. 15.....	26.5	Oct. 9.....	33.2		
Dec. 2.....	27.6	Dec. 22.....	25.0		

Measurements from Orange County Flood Control District.

C-1232-P-17, IRVINE RANCH COMPANY. MAP 4

Location and description—East side of Redhill Avenue, 0.75 miles north of Delhi Road, 10 feet north of Plant Nn. 6, southeast of Santa Ana.

Reference point—Top of box around 4' x 4' pit, 0.5 feet above ground.

Elevation of reference point—75.0, from levels by State Div. E. and I.

Use—Domestic.

Depth of well—200 feet.

Diameter of casing—16 inches.

Other numbers used—State Div. E. and I. No. 115, Corona Quad; Location No. 14578.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— Aug. 11.....	*7.2	1927— Nov. 15.....	*16.0	1931— Feb. 24.....	26.2
1924— Oct. 26.....	*13.0	1928— April 30.....	*31.5	Mar. 18.....	27.0
1925— Oct. 10.....	*17.8			May 26.....	28.0
				Aug. 18.....	39.0
				Oct. 9.....	33.2
				Dec. 22.....	31.8

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1234-P-17, GEORGE AND JOHN FITSPATRICK. MAP 4

Location and description—0.28 miles north of Delhi Road and 50 feet west of McClay Street, south of Santa Ana.

Reference point—Top of casing, at ground.

Elevation of reference point—69.7, from levels by State Div. E. and I.

Use—Not used.

Depth of well—260 feet.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. Nn. 1P-58; State Div. E. and I. No. 65, Corona Quad.; Location No. 14548.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— June 26.....	*7.7	1927— Nov. 26.....	*18.0	1931— Jan. 22.....	30.7
1924— Oct. 26.....	*9.3	1930— May 29.....	29.0	June 6.....	37.6
1925— Oct. 10.....	*20.5	June 25.....	41.9	Aug. 18.....	51.2
		Sept. 15.....	37.2	Oct. 16.....	41.8
		Oct. 9.....	35.8	Dec. 22.....	38.9
		Dec. 2.....	33.6		

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1243-Q-16, M. A. BAKER. MAP 4

Location and description—200 feet west of Newport Road, 200 feet south of Baker Avenue, south of Santa Ana.

Reference point—Top of casing, 0.4 feet above ground.

Elevation of reference point—40.1, from levels by State Div. E and I

Use—Not used.

Depth of well—147 feet.

Diameter of casing—3 inches

Other numbers used—State Div. No. 70, Corona Quad; U. S. G. S. No. 9, Location No. 13322.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1926—		1929—	
June 8.....	*5.2	May 21.....	*15.6	Aug. 23.....	*19.7
July 21.....	*12.9	Aug. 5.....	*16.7	Sept. 7.....	*19.7
Sept. 28.....	*7.6	Oct. 4.....	*17.9	Dec. 20.....	*18.5
		Nov. 13.....	*15.8		
1922—		Dec. 29.....	*15.5	1930—	
Mar. 18.....	*1.5			Jan. 18.....	*16.6
May 31.....	*1.8	1927—		Mar. 17.....	*17.7
June 26.....	*3.6	Jan. 4.....	*14.5	May 12.....	*17.2
Aug. 8.....	*4.6	Mar. 1.....	*12.8	July 21.....	*20.1
Nov. 23.....	*2.5	May 3.....	*12.9	Sept. 15.....	20.0
		July 9.....	*14.0	Nov. 19.....	18.3
1923—		Sept. 5.....	*16.5		
Feb. 28.....	*0.4	Nov. 10.....	*15.1	1931—	
June 7.....	*6.4	Dec. 13.....	*14.1	Jan. 22.....	17.7
Aug. 17.....	*12.5			Mar. 18.....	19.1
Nov. 28.....	*4.6	1928—		May 26.....	19.6
		Jan. 19.....	*13.9	Aug. 18.....	21.2
1924—		Feb.	*12.6	Oct. 9.....	20.9
Aug. 26.....	*10.8	May	*23.2	Nov. 17.....	20.4
Oct. 26.....	*10.1	June 20.....	*26.3		
Dec. 4.....	*8.3	Aug. 9.....	*17.4		
		Oct. 15.....	*17.1		
1925—		Nov. 19.....	*16.7		
Feb. 10.....	*7.9				
Aug. 27.....	*20.0				
Oct. 31.....	*15.6				

a Measurement from United States Geological Survey.

b Measurement from Division of Water Resources.

c Measurement by Hoy, from Orange County Flood Control District.

Measurements from Orange County Flood Control District except as noted.

C-1244-Q-16, IRVINE RANCH COMPANY. (HOG RANCH). MAP 4

Location and description—0.85 miles southeast of Newport Boulevard, 100 feet north of Palisades Road, south of Santa Ana.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—47.1, from levels by O. Co. F. C. D from local B. M.

Use—Not used

Diameter of casing—12 inches

Other numbers used—State Div. E. and I. No. 132a, Corona Quad; Location No. 13323.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1931—		1931—Cont.	
Dec. 1.....	*23.4	Jan. 22.....	29.7	Oct. 9.....	46.8
		April 20.....	68.4	Nov. 17.....	41.0
1930—		May 26.....	44.0		
Sept. 15.....	49.2	Aug. 18.....	54.5		
Dec. 3.....	32.9				

a Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1245-Q-16, FIRST NATIONAL BANK OF SANTA ANA, TRUST NO. 258. MAP 4

Location and description—100 feet east of Fairview Avenue, 0.3 miles south of Adams Avenue, north of Newport Beach. 6-foot wood stave pit.

Reference point—Top of pit, 0.2 feet above ground.

Elevation of reference point—65.6, from levels by State Div. E. and I.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 74, Corona Quad. Location No. 13283.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—		1928—		1931—	
Oct. 25.....	*29.0	April 28.....	*47.0	Jan. 2.....	47.5
		Dec. 1.....	40.3	Mar. 17.....	55.4
1925—		1930—		June 6.....	51.4
Oct. 10.....	*37.9	April 4.....	31.5		
		Sept. 8.....	51.3		
1927—		Nov. 19.....	48.3		
Nov. 26.....	*34.5				

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1247-Q-15, MR. ADAMS. MAP 4

Location and description—100 feet north of road from Fairview to Huntington Beach, just east of top of mesa. On bench east of Santa Ana River.

Reference point—(a) Top of concrete block, at ground; (b) top of 4-inch wooden clamp, 1.3 feet above ground.

Elevation of reference point—(a) 94.1; (b) 95.4, from levels by State Div. E. and I.

Use—Abandoned.

Depth of well—200 feet.

Other numbers used—State Div. E. and I. No. 14, Corona Quad.; U. S. G. S. No. 10, Location No. 13252.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1923—		1926—	
May 19.....	*31.3	Feb. 28.....	*21.0	Oct. 4.....	b*60.2
June 1.....	*29.5	Nov. 28.....	*30.2		
1922—		1924—		1927—	
Mar. 19.....	*24.3	Aug. 26.....	*38.2	Jan. 4.....	b*47.7
June 29.....	b*28.2	Oct. 25.....	b*28.8		
Nov. 23.....	*25.0	Dec. 4.....	*33.8	1930—	
		1925—		July 9.....	Destroyed
		Oct. 10.....	b*50.1		

* Reference point (a) used.

^b Reference point (b) used.

^c Measurement from Division of Water Resources.

Measurements from United States Geological Survey except as noted.

C-1248-Q-16, MR. SEMENS. MAP 4

Location and description—25 feet north of Fairview Road (Baker Avenue) and 500 feet east of Fairview Avenue (Baker Avenue), north of Newport Beach.

Reference point—Top of casing, 0.4 feet above ground.

Elevation of reference point—48.4, from levels by O. Co. F. C. D. from local B. M.

Use—Domestic and stock.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. No. 2P-5, Location No. 13282.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Aug. 11.....	29.8	Feb. 24.....	30.1		
Nov. 19.....	28.9	Mar. 18.....	32.1		
		June 6.....	31.8		
		Nov. 17.....	32.9		

Measurements from Orange County Flood Control District.

C-1249-Q-16, W. S. BABB. MAP 4

Location and description—500 feet east of Old Santa Ana Road, 50 feet north of Baker Avenue, north of Newport Beach.

Reference point—Top of casing, 0.4 feet above ground.

Elevation of reference point—40.2, from levels by State Div. F and I.

Use—Domestic and irrigation.

Depth of well—637 feet.

Diameter of casing—10 inches.

Other numbers used—State Div. E. and I. No. 69, Corona Quad.; Location No. 13292.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— June 18.....	*+6.5	1927— Nov. 26.....	*14.3	1930— Mar. 11.....	30.0
1924— Oct. 26.....	*4.5	1928— May 7.....	*19.2	Aug. 5.....	43.5
1925— Oct. 10.....	*12.9	Dec. 1.....	9.3	Oct. 9.....	30.8
				Nov. 19.....	26.8
				1931— Jan. 22.....	24.9

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1250-P-15, MR. GISLER. MAP 4

Location and description—0.35 miles west of Fairview Avenue, 125 feet north of Gisler Street, north of Newport Beach.

Reference point—Gage, 2.0 feet above ground.

Elevation of reference point—39.6, from levels by O. Co. F. C. D. from local B. M.

Use—Irrigation.

Depth of well—297 feet.

Diameter of casing—12 inches.

Other numbers used—O. Co. F. C. D. No. 2P-3; Location No. 13271.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 7.....	18.0	1931— Jan. 22.....	21.2		
Aug. 11.....	24.6	May 26.....	24.9		
Sept. 8.....	17.7	June 8.....	25.0		
Oct. 9.....	29.5	Sept. 16.....	27.0		
		Nov. 17.....	26.3		

Measurements from Orange County Flood Control District.

C-1253-P-15, D. W. ELLIS. MAP 4

Location and description—100 feet west of Fairview Road, 50 feet south of Talbert Avenue, south-west of Santa Ana.

Reference point—Top of 2-inch pipe, 0.4 feet above ground.

Elevation of reference point—37.2, from levels by State Div. E. and I.

Use—Domestic.

Depth of well—155 feet.

Diameter of casing—4 inches.

Other numbers used—State Div. E. and I. No. 10, Corona Quad.; Location No. 14489.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— June 13.....	*+8.4	1930— July 24.....	14.0	1932— Jan. 25.....	13.2
1925— Dec. 31.....	*1.8	Sept. 15.....	15.0	Feb. 26.....	11.5
1928— Jan. 25.....	*3.0	Nov. 19.....	14.1		
Dec. 1.....	2.6	1931— Jan. 22.....	11.4		
		June 30.....	15.4		
		Sept. 18.....	18.2		
		Nov. 18.....	15.5		

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1255-P-15, MRS. CHANEY. MAP 4

Location and description—50 feet south of Talbert Avenue, 150 feet west of Ward Street, northeast of Huntington Beach.

Reference point—Top of casing, 0.9 feet above ground, to and including February 17, 1931, then, air gage, 0.77 feet above top of casing.

Elevation of reference point—27.6, to and including February 17, 1931; then, 28.4; from levels by State Div. E. and I.

Use—Irrigation and domestic.

Depth of well—150 feet.

Diameter of casing—8 inches.

Other numbers used—State Div. E. and I. No. 11a, Corona Quad; Location No. 14459.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925— Sept. 22.....	*8.2	1930— Dec. 23.....	9.5	1931—Cont. Sept. 15.....	20.4
1927— Nov. 28.....	*+1.5	1931— Feb. 17.....	11.6	Oct. 9.....	16.2
1928— May 7.....	*5.3	April 28.....	16.5	Nov. 6.....	15.5
Nov. 28.....	*2.0	May 19.....	12.9	1932— Jan. 15.....	12.5
		July 21.....	25.5		

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1256a-P-15, JOHN E. BREWER. MAP 4

Location and description—50 feet west of Bushard Avenue, 100 feet south of Talbert Avenue, northeast of Huntington Beach.

Reference point—(a) Top of block, at ground; (b) top of casing; (c) hole in block, at ground.

Elevation of reference point—(a) 23.9; (b) 23.7; (c) 23.7, from levels by D. W. R.

Use—Domestic.

Diameter of casing—8 inches.

Other numbers used—State Div. E. and I. No. 12a, Corona Quad; Location No. 14439A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— June.....	*+3.9	1928— May 7.....	b3.0	1931— Jan. 5.....	*8.1
1924— Nov.....	*0.1	Nov. 28.....	b1.8	Feb. 25.....	*12.4
1926— May 21.....	*2.3	1929— Jan. 16.....	b1.4	Mar. 18.....	*21.2
Sept. 2.....	*11.1	April 4.....	*+1.3	April 7.....	*27.3
Dec. 9.....	*1.1	Sept. 7.....	*+14.5	May 19.....	*11.9
1927— Jan. 1.....	*0.5	Dec. 20.....	*+6.5	July 7.....	*17.8
June 10.....	*0.0	1930— Jan. 8.....	*6.2	Oct. 9.....	*15.2
Sept. 5.....	*6.4	Mar. 11.....	*13.0	Dec. 22.....	*9.9
Nov. 28.....	b0.0	Sept. 8.....	*16.6	1932— Jan. 2.....	*9.2
		Dec. 23.....	*8.5		

* Reference point (a) used.

b Reference point (b) used.

c Reference point (c) used.

Measurements from United States Geological Survey for 1922 and 1924; then from Division of Water Resources to and including November 28, 1928; then from Orange County Flood Control District.

C-1257-Q-15, H. J. LAMB. MAP 4

Location and description—200 feet west of Bushard Street, 0.5 miles south of Garfield Avenue, north-east of Huntington Beach.

Reference point—Top of casing, 0.7 feet above ground.

Elevation of reference point—13 0, from levels by D. W. R.

Use—Domestic.

Depth of well—150 feet.

Diameter of casing—7 inches.

Other numbers used—State Div. E. and I. No. 16, Corona Quad.; Location No. 13231.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— June 29.....	*+4.6	1928— May 7..... Nov. 28.....	*+1.8 *+1.0	1931— Jan. 12..... Feb. 19..... April 28..... June 3..... Aug. 12..... Sept. 15..... Nov. 6..... Dec. 22.....	0.1 4.9 11.1 5.1 13.8 10.1 7.1 4.0
1925— Oct. 10.....	*+1.0	1930— July 23..... Oct. 4..... Dec. 23.....	9.7 6.9 3.2	1932— Jan. 15.....	1.9
1927— Nov. 28.....	*+2.5				

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1258-Q-15, MRS. G. L. HARPER. MAP 4

Location and description—0.2 miles south of Garfield Avenue and 500 feet west of Wright Street, northeast of Huntington Beach.

Reference point—Top of north side of casing, 1 foot above ground.

Elevation of reference point—12 0, from levels by D. W. R.

Use—Domestic.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. No. 2P-1; Location No. 13241.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Aug. 8..... Sept. 8..... Oct. 4..... Dec. 23.....	7.1 6.2 3.0 Flowing	1931— April 28..... June 3..... Aug. 12..... Sept. 15.....	8.3 2.4 9.9 7.9	1931—Cont. Nov. 6..... Dec. 22.....	4.0 0.0

Measurements from Orange County Flood Control District.

C-1259-Q-14, F. E. FARNSWORTH. MAP 4

Location and description—250 feet north of Indianapolis Street, 200 feet east of Hampshire Avenue, Huntington Beach.

Reference point—Top of casing, 1.9 feet above ground, to and including November 28, 1928; then, top of casing, at ground.

Elevation of reference point—30.4, to and including November 28, 1928; then, 28.5; from levels by State Div. E. and I.

Use—Domestic.

Depth of well—102 feet.

Diameter of casing—8 inches.

Other numbers used—State Div. E. and I. No. 17, Corona Quad.; Location No. 13213C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— July 1.....	*21.1	1925— Oct. 10.....	*28.1	1928— May 7..... Nov. 28.....	*28.1 *29.6
1924— Oct. 25.....	*21.8	1927— Nov. 28.....	*27.8	1930— April 4..... Sept. 6.....	27.3 27.8

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1260-Q-14, MR. NEWLAND. MAP 4

Location and description—0.25 miles west of Cannery Street and 120 feet south of Indianapolis Street, east of Huntington Beach.

Reference point—Top of casing, 0.6 feet above ground, to and including December 23, 1930, then, top of nipple on cap, 0.7 feet above casing.

Elevation of reference point—6.8, to and including December 23, 1930, then, 7.6, from levels by D. W. R.

Use—Not used

Diameter of casing—10 inches

Other numbers used—O. Co. F. C. D. No. 1P-47, Location No. 13223.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
May 22.....	+0.5	Jan. 15.....	+0.5	July 7.....	12.1
June 23.....	5.8	Feb. 25.....	8.5	Aug. 12.....	10.0
Sept. 6.....	9.8	Mar. 20.....	18.6	Oct. 9.....	4.8
Nov. 5.....	3.0	May 18.....	5.2	Dec. 15.....	1.2
Dec. 23.....	0.2	June 3.....	3.5		
				1932—	
				Jan. 18.....	0.3

Measurements from Orange County Flood Control District.

C-1261-Q-14, STANDARD OIL COMPANY (LESSEE). MAP 4

Log Available

Location and description—0.3 miles west of Newland Street drainage ditch and 250 feet south of Atlanta Avenue, east of Huntington Beach. Abandoned oil well casing with large wooden plug.

Reference point—Top of casing, 2.1 feet above ground

Elevation of reference point—7.5, from levels by D. W. R.

Use—Not used.

Depth of well—439 feet.

Diameter of casing—16 inches

Other numbers used—O. Co. F. C. D. No. 1P-79, Location No. 13214

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 26.....	6.5	Feb. 2.....	4.4	Jan. 13.....	4.0
Sept. 6.....	9.0	May 18.....	7.5		
Oct. 4.....	7.9	Aug. 12.....	9.0		
Nov. 26.....	6.1	Oct. 9.....	7.4		
Dec. 23.....	5.4	Dec. 15.....	4.5		

Measurements from Orange County Flood Control District.

C-1262-Q-14, T. S. BAN (LESSEE). MAP 4

Location and description—100 feet south of Atlanta Street and 10 feet west of Cannery Street, east of Huntington Beach.

Reference point—Top of casing, 1.4 feet above ground.

Elevation of reference point—5.5, from levels by D. W. R.

Use—Irrigation and domestic

Diameter of casing—10 inches.

Other numbers used—O. Co. F. C. D. No. 1P-43, Location No. 13224

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
May 10.....	1.7	Jan. 5.....	2.2		
June 16.....	7.0	May 18.....	6.8		
July 9.....	9.0	Sept. 14.....	8.5		
Sept. 26.....	7.8	Oct. 9.....	5.9		
Nov. 5.....	5.4	Dec. 17.....	2.0		
Dec. 23.....	2.2				

Measurements from Orange County Flood Control District.

C-1262b-Q-15, MR. FARNSWORTH. MAP 4

Location and description—0.25 miles north of Atlanta Avenue and 150 feet west of Bushard Street, east of Huntington Beach.

Reference point—Top of casing, 0.6 feet above ground.

Elevation of reference point—8.9, from levels by D. W. R.

Use—Domestic.

Depth of well—150 feet.

Diameter of casing—6 inches.

Other numbers used—O. Co. F. C. D. No. 3P-70; Location No. 13233

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 10.....	2.3	April 7.....	20.5	Jan. 15.....	2.6
Dec. 23.....	3.0	May 19.....	7.5		
		July 7.....	11.0		
		Aug. 12.....	14.2		
		Oct. 9.....	9.5		
		Nov. 6.....	7.3		
		Dec. 22.....	2.8		

Measurements from Orange County Flood Control District.

C-1263-Q-14, T. S. BAN (LESSEE). MAP 4

Location and description—0.25 miles south of Atlanta Street, 400 feet east of Newland Street, east of Huntington Beach. Well point on surface water. At recorder well C-1263a-Q-14.

Reference point—Top of 1½-inch iron pipe, 2.6 feet above ground.

Elevation of reference point—4.9, from levels by D. W. R.

Use—Test well.

Diameter of casing—1½ inches.

Other numbers used—O. Co. F. C. D. No. 2P-9, Location No. 13224C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Aug. 25.....	10.2	Jan. 16.....	8.0		
Sept. 26.....	10.6	Feb. 17.....	7.5		
Nov. 3.....	10.0	Mar. 16.....	8.0		
Dec. 23.....	9.4				

Measurements from Orange County Flood Control District.

C-1263a-Q-14, T. S. BAN (LESSEE). MAP 4

Location and description—400 feet east of Pennsylvania Avenue drainage ditch and 0.25 miles south of Atlanta Street, southeast of Huntington Beach.

Reference point—Top of casing, 1.9 feet above ground.

Elevation of reference point—4.1, from levels by D. W. R.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—O. Co. F. C. D. Recorder No. 3122, Location No. 13224A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
May 26.....	1.9	Jan. 5.....	1.3	Aug. 6.....	8.9
Aug. 29.....	10.6	Mar. 2.....	5.0	Oct. 31.....	4.3
Oct. 31.....	4.9	June 3.....	4.6	Dec. 24.....	1.0
Dec. 23.....	1.2				

Measurements from Orange County Flood Control District.

C-1264-Q-14, T. S. BAN (LESSEE). MAP 4

Location and description—0.6 miles south of Atlanta Avenue and 30 feet west of Cannery Street, southeast of Huntington Beach.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—3.8, from levels by O. Co. F. C. D. from local B. M.

Use—Irrigation.

Diameter of casing—10 inches.

Other numbers used—O. Co. F. C. D. No. 1P-42; Location No. 13225.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
May 23.....	6.1	Feb. 17.....	5.3		
July 3.....	9.9	May 18.....	7.3		
July 15.....	11.2	Aug. 12.....	12.2		
Oct. 4.....	9.4	Oct. 9.....	8.2		
Nov. 5.....	7.8	Dec. 17.....	4.4		
Dec. 23.....	4.5				

Measurements from Orange County Flood Control District.

C-1265-Q-15, MR. GISLER. MAP 4

Location and description—0.15 miles south of Atlanta Avenue and 0.25 miles west of Bushard Street, east of Huntington Beach.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—7.1, from levels by D. W. R.

Use—Not used.

Depth of well—200 feet.

Diameter of casing—6 inches.

Other numbers used—State Div. E. and I. No. 293, Corona Quad.; Location No. 13234A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1930—		1931—	
Dec. 2.....	*5.1	April 9.....	8.8	Jan. 28.....	6.1
		May 23.....	8.6	Mar. 3.....	12.2
1928—		Oct. 4.....	26.3	April 30.....	11.3
Jan. 5.....	*2.9	Nov. 6.....	8.3	July 7.....	12.9
April 22.....	*4.8	Dec. 29.....	6.5	Sept. 15.....	10.6
				Oct. 9.....	9.5
				Dec. 17.....	5.2
				1932—	
				Jan. 13.....	6.8

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1269-Q-15, FAIRVIEW FARMS (PIG PEN WELL). MAP 4

Location and description—0.75 miles east of Bushard Street, 150 feet north of road which is 0.5 miles south of Atlanta Avenue, 300 feet east of east levee of Santa Ana River, east of Huntington Beach.

Reference point—Top of casing, 1.5 feet above ground.

Elevation of reference point—9.7, from levels by D. W. R.

Use—Not used.

Diameter of casing—16 inches.

Other numbers used—O. Co. F. C. D. No. 1P-44; State Div. E. and I. No. 296, Corona Quad.; Location No. 13254.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1930—Cont.		1931—Cont.	
Oct. 2.....	*9.2	Aug. 4.....	11.6	Aug. 12.....	12.0
		Sept. 8.....	13.0	Oct. 9.....	10.5
1928—		Nov. 25.....	9.8	Dec. 17.....	9.0
April 22.....	*6.8				
May 17.....	*7.2	1931—		1932—	
		Jan. 5.....	8.7	Jan. 15.....	7.0
1930—		Mar. 16.....	9.7		
April 9.....	8.1	April 7.....	11.9		
June 6.....	5.2	June 3.....	9.1		

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

C-1270b-Q-15, FAIRVIEW FARMS NO. 4. MAP 4

Log Available

Location and description—0.35 miles east of Bushard Street, 75 feet south of road which is 0.5 miles south of Atlanta Avenue, east of Huntington Beach.

Reference point—Top of casing, 1.1 feet above ground, to and including May 2, 1928; then, top of casing at ground.

Elevation of reference point—8.1 to and including May 2, 1928; then, 7.0; from levels by D. W. R. Use—Not used.

Depth of well—300 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 15, Corona Quad; J. B. Lippincott No. 198; Location No. 13245J.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— June 29.....	*5.0	1927— Oct. 6.....	*15.0	1931— Jan. 28.....	b6.3
1924— Oct. 25.....	*5.3	1928— May 2.....	*5.6	Feb. 19.....	11.1
1925— Oct. 10.....	*5.0	1930— April 9.....	7.6	Mar. 2.....	15.2
				April 13.....	34.3
				April 30.....	12.4
				May 18.....	15.1
					Destroyed

* Measurement from Division of Water Resources.

b Measurement by J. B. Lippincott.

Measurements from Orange County Flood Control District except as noted.

C-1274-Q-14, NEGRO COLONY 1.3 MILES NORTH OF TALBERT ROAD. MAP 4

Location and description—1.3 miles west of Bushard Street and 100 feet south of State Highway, south of Huntington Beach. On beach in sand, 900 feet west of bridge.

Reference point—Top of casing, 0.3 feet above ground.

Elevation of reference point—11.3, from levels by D. W. R.

Use—Not used.

Depth of well—120 feet.

Diameter of casing—10 inches.

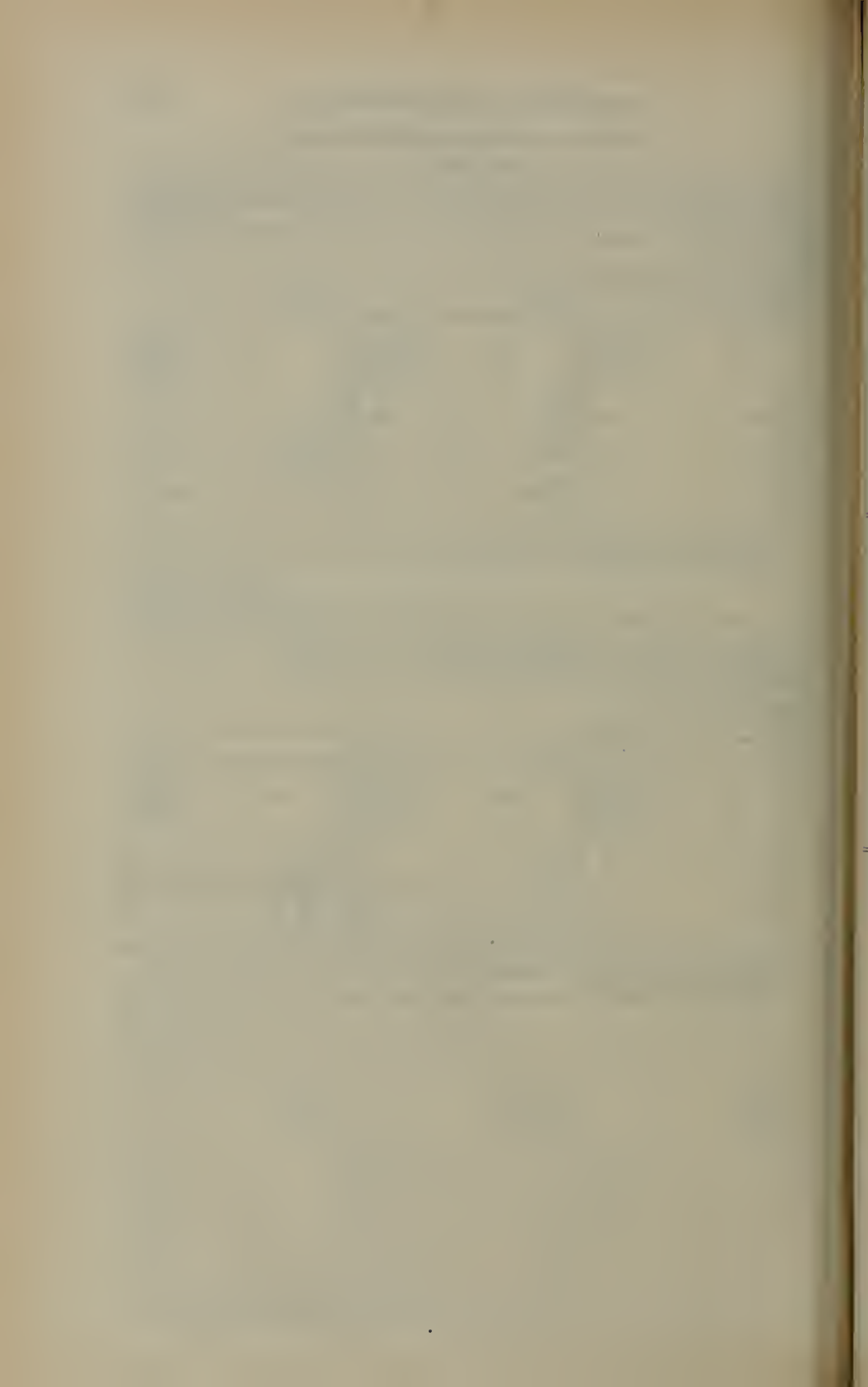
Other numbers used—State Div. E. and I. No. 299, Corona Quad.; Location No. 13215.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927— Oct. 2.....	*10.8	1929— May 17.....	13.5	1931— Jan. 5.....	11.3
1928— Jan. 5.....	*10.3	1930— Aug. 2.....	13.7	April 30.....	b12.3
May 7.....	*10.2	Oct. 4.....	12.6	May 13.....	6.5
		Dec. 23.....	11.2	June 3.....	11.3
				July 7.....	9.6
				Aug. 12.....	9.7

* Measurement from Division of Water Resources.

b Measurement by J. B. Lippincott.

Measurements from Orange County Flood Control District except as noted.



SOUTH COASTAL BASIN INVESTIGATION

Records of Ground Water Levels at Wells
in District "D"

Loca
Refer
Eleva
Loc
Dep
Dist
Other

1880
Al

D-7
Loc
Refer
Elev

Loc
Dep
Dist
Other

D-703a-H-20, PAL-O-MARS IRRIGATION COMPANY. MAP 6

Log Available

Location and description—40 feet south of Orchard Avenue, 800 feet east of Mills Avenue, west of Ontario.

Reference point—Bottom edge of pump base, at ground.

Elevation of reference point—990, from Met. W. D. topog. by J. R. Shoemaker.

Use—Irrigation.

Depth of well—760 feet.

Diameter of casing—18 inches.

Other numbers used—J. R. Shoemaker, No. 730a; L. A. Co. F. C. D. No. 3282.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— April 11.....	230.1	1931— Jan. 29.....	236.9	1932— Feb. 18.....	241.8

Measurements from J. R. Shoemaker.

D-705-F-20, SAN ANTONIO WATER COMPANY, NO. 17 (BORDENHEIMER WELL). MAP 6

Location and description—120 feet west of Mountain Avenue, and 15 feet south of 21st Street, Upland.

Reference point—Top of $\frac{1}{4}$ -inch tee on pressure line, at ground, to and including September 4, 1929; then, top of steel I beam, 0.2 feet below ground.

Elevation of reference point—1831.7, to and including September 4, 1929; then, 1831.5; from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—668 feet.

Other numbers used—Location No. 4525E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1906— Oct. 20.....	87.0	1927— April 6.....	195.3	1930— Feb. 5.....	212.1
1909— Jan. 25.....	113.0	May 25.....	171.1	April 2.....	208.6
1910— July 4.....	98.0	1928— Mar. 21.....	143.9	June 4.....	203.8
Sept. 5.....	123.3	April 25.....	139.3	July 2.....	203.9
Dec. 4.....	149.9	May 23.....	152.0	Sept. 3.....	210.8
1911— Jan. 12.....	124.5	June 13.....	185.3	Nov. 5.....	208.8
Mar. 27.....	97.8	July 18.....	176.1	1931— Jan. 7.....	208.5
May 4.....	70.6	Aug. 15.....	187.6	Mar. 4.....	206.6
Aug. 28.....	97.3	Oct. 3.....	218.3	May 6.....	202.3
Dec. 3.....	137.1	Dec. 5.....	206.6	June 3.....	200.3
1912— Feb. 1.....	117.5	1929— Jan. 2.....	201.1	July 8.....	203.9
May 2.....	108.9	Mar. 6.....	191.0	Sept. 2.....	208.8
Oct. 14.....	166.0	May 1.....	184.6	Oct. 7.....	212.0
		June 5.....	187.0	Nov. 4.....	214.2
		Aug. 7.....	202.6	Dec. 2.....	212.1
		Oct. 9.....	210.0	1932— Jan. 20.....	209.5
		Dec. 11.....	214.6		

Measurements from Cucamonga Conservation Association.

D-707-F-21, SAN ANTONIO WATER COMPANY, NO. 15 (PAUL WELL). MAP 6

Log Available

Location and description—50 feet south of 23d Street, 0.36 miles east of Euclid Avenue, Upland.

Reference point—Pressure gage.

Elevation of reference point—1,838.0, from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—999.6 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 4555.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—		1927—C nt.		1930—	
Aug. 20.....	^a 407.3	Aug. 3.....	331.4	Jan. 15.....	406.5
Oct. 29.....	^a 410.4	Nov. 2.....	376.2	Feb. 5.....	398.9
Nov. 12.....	351.8	Dec. 7.....	366.0	April 2.....	396.6
Dec. 17.....	354.2			May 7.....	401.9
1925—		1928—		June 4.....	402.8
Jan. 7.....	349.5	Feb. 1.....	361.4	July 2.....	399.6
April 15.....	366.9	April 4.....	273.4	July 30.....	400.7
July 1.....	378.6	May 1.....	339.9	Dec. 3.....	416.4
Aug. 19.....	^a 468.7	July 9.....	371.1		
Oct. 29.....	^a 469.3	Aug. 29.....	^a 460.9	1931—	
Nov. 12.....	408.1	Oct. 10.....	^a 459.3	Jan. 7.....	411.6
		Dec. 5.....	390.0	Feb. 4.....	408.3
1926—		1929—		April 1.....	407.6
Jan. 6.....	395.3	Jan. 2.....	382.1	April 29.....	420.8
Feb. 3.....	401.7	Feb. 20.....	375.0	May 27.....	413.9
April 21.....	391.4	April 3.....	342.4	June 24.....	412.0
June 30.....	382.2	May 1.....	352.5	Nov. 18.....	443.5
Oct. 13.....	399.5	July 31.....	413.1	Dec. 16.....	435.4
Dec. 1.....	407.6	Sept. 11.....	398.3		
1927—		Oct. 9.....	^a 513.9	1932—	
Feb. 2.....	399.5	Nov. 13.....	423.4	Jan. 20.....	431.4
April 6.....	361.4	Dec. 11.....	425.4		
June 1.....	336.0				

^a Pumping.

Measurements from Cucamonga Conservation Association.

D-708-F-21, SAN ANTONIO WATER COMPANY, NO. 2. MAP 6

Location and description—820 feet north of Base Line Avenue (16th Street), and 815 feet east of Cucamonga Avenue, Upland.

Reference point—Air gage, 0.5 feet above I beams.

Elevation of reference point—1492.5, from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—992 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 4577.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912—		1916—		1919—	
April 25.....	91.1	Jan. 3.....	87.7	Jan. 3.....	97.3
July 2.....	80.6	Feb. 8.....	55.0	Feb. 24.....	94.7
1913—		June 9.....	51.9	April 7.....	87.6
Mar. 21.....	100.0	Sept. 4.....	67.6	May 26.....	103.8
		Nov. 28.....	87.5	Nov. 26.....	129.4
1914—		1917—		1920—	
Mar. 13.....	55.2	Jan. 3.....	72.8	Feb. 4.....	124.1
Aug. 17.....	95.2	April 4.....	42.1	May 5.....	97.3
Sept. 7.....	98.6	Sept. 5.....	90.3	July 14.....	115.2
Oct. 5.....	106.8	Nov. 21.....	101.8	Oct. 6.....	136.3
Nov. 16.....	113.6	Dec. 18.....	105.9	Nov. 10.....	132.2
1915—		1918—		Dec. 9.....	136.3
Jan. 4.....	99.3	Jan. 23.....	107.5		
Mar. 8.....	54.1	April 3.....	86.0		
May 18.....	34.5	June 12.....	79.9		
Sept. 30.....	67.1	Aug. 28.....	105.9		
Oct. 25.....	93.3	Nov. 20.....	110.7		
Nov. 22.....	103.2				

D-708-F-21, SAN ANTONIO WATER COMPANY, NO. 2. MAP 6—Continued

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1925—		1929—	
Feb. 3.....	125.4	Jan. 7.....	175.3	Feb. 6.....	223.2
Mar. 2.....	122.5	Feb. 18.....	181.1	May 1.....	210.5
May 19.....	139.2	April 15.....	188.8	June 5.....	228.3
June 23.....	127.1	April 22.....	185.7	Sept. 18.....	270.1
June 30.....	146.9	Dec. 2.....	219.0		
July 7.....	132.1			1930—	
Aug. 22.....	146.1	1926—		Jan. 2.....	286.5
Dec. 6.....	162.4	Jan. 6.....	201.3	Mar. 5.....	256.9
1922—		Feb. 3.....	213.8	April 30.....	249.2
Feb. 7.....	141.2	April 7.....	202.2	June 4.....	227.3
Mar. 2.....	131.5	June 2.....	190.7	July 30.....	270.0
May 3.....	109.8	Dec. 1.....	219.6	Oct. 22.....	304.5
Aug. 10.....	116.3	1927—		Nov. 12.....	308.5
Oct. 23.....	140.4	Jan. 5.....	208.7	Dec. 10.....	288.7
Dec. 29.....	120.5	Feb. 23.....	176.3		
1923—		Mar. 16.....	188.1	1931—	
Feb. 5.....	107.8	April 13.....	154.4	Feb. 4.....	268.7
Mar. 1.....	99.4	May 11.....	140.0	Mar. 25.....	248.5
May 1.....	99.5	June 22.....	158.5	April 29.....	259.3
July 5.....	122.2	Nov. 2.....	208.1	May 20.....	252.1
Sept. 20.....	151.3	Dec. 7.....	195.5	June 17.....	265.0
Dec. 12.....	163.7	1928—		Sept. 30.....	317.2
1924—		Feb. 1.....	180.4	Nov. 18.....	311.7
Jan. 2.....	160.4	April 2.....	162.9	Dec. 30.....	290.9
Mar. 20.....	170.1	June 20.....	187.3		
April 30.....	151.5	Oct. 24.....	250.2	1932—	
May 14.....	156.0	Dec. 5.....	246.1	Jan. 13.....	284.9
July 16.....	^a 173.6				
Sept. 10.....	^b 174.0				
Nov. 12.....	181.1				
Dec. 10.....	180.0				

^a Redrilling.^b Down to 992 feet.

Measurements from Cucamonga Conservation Association.

D-711b-F-20, EUCLID WATER COMPANY, NO. 5. MAP 6

Log Available

Location and description—0.68 miles north of Base Line Road, 50 feet west of Benson Avenue, west of Upland.

Reference point—Bottom edge of pump base, 0.4 feet above pump house floor.

Elevation of reference point—1692, from aneroid by D. W. R.

Use—Irrigation.

Depth of well—585 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 4516A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
Oct. 10.....	382.5	May 23.....	369.6	April 23.....	408.0
Oct. 21.....	378.3	June 12.....	388.7	May 23.....	401.6
Dec. 2.....	389.4	July 10.....	403.1	July 18.....	414.2
1930—		Oct. 18.....	433.0	Aug. 28.....	418.5
Jan. 27.....	370.6	Nov. 17.....	433.0	Oct. 3.....	421.9
Feb. 20.....	369.4	1931—		Dec. 3.....	412.4
Mar. 20.....	384.3	Jan. 10.....	402.0		
May 1.....	379.5	Mar. 5.....	388.2	1932—	
				Jan. 30.....	397.8

Measurements from J. R. Shoemaker

D-711d-F-20, POMONA COLLEGE (FORMERLY EUCLID WATER COMPANY). MAP 6

Log Available

Location and description—0.69 miles east of Monte Vista Avenue, 0.31 miles west of Orange Avenue, 500 feet north of Base Line Avenue, west of Upland.

Reference point—Top of 1 beam under pump base, at ground.

Elevation of reference point—1574.4, from levels by J. R. Shoemaker.

Use—Domestic and irrigation.

Depth of well—539 feet.

Other numbers used—Location No. 4517C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1925—		1929—	
Nov. 23.....	200 0	Jan. 18.....	220 1	Feb. 22.....	232 8
Dec. 15.....	201 3	Feb. 8.....	220 9	April 30.....	230 5
		May 12.....	223 8	May 10.....	232 3
1922—		Aug. 31.....	239 6		
Jan. 18.....	172 7	Oct. 9.....	244 9	1930—	
Mar. 27.....	101 3			Feb. 20.....	273 0
May 26.....	92 2	1926—		Nov. 17.....	360 2
July 29.....	106 5	Jan. 7.....	245 0	Dec. 6.....	317 2
Sept. 23.....	130 6	Feb. 21.....	246 8		
Nov. 30.....	152 0	May 8.....	243 5	1931—	
Dec. 23.....	156 8	June 13.....	245 8	Jan. 10.....	301 6
		July 26.....	243 3	Feb. 12.....	292 7
1923—		Aug. 18.....	246 1	Mar. 5.....	290 5
Feb. 2.....	163 6	Dec. 26.....	243 6	May 23.....	311 2
Mar. 10.....	167 3			Aug. 28.....	357 1
May 28.....	171 4	1927—		Oct. 3.....	359 0
Aug. 13.....	178 7	Mar. 17.....	223 5	Dec. 3.....	321 1
Sept. 15.....	182 4	May 31.....	177 8		
		June 30.....	168 5	1932—	
1924—		Sept. 21.....	180 8	Jan. 29.....	300 6
Jan. 25.....	195 7	Dec. 31.....	187 1		
Feb. 28.....	198 6				
April 11.....	200 7	1928—			
June 28.....	211 1	Jan. 15.....	187 3		
Aug. 20.....	212 2	April 9.....	189 9		
Nov. 26.....	218 2				
Dec. 12.....	218 9				

Measurements from Pomona Valley Protective Association.

D-716-G-21, CITY OF UPLAND, PLANT NO. 7. MAP 6

Location and description—0.10 miles west of Campus Avenue, 200 feet south of Ninth Street, Ontario.

Reference point—Top of $\frac{3}{4}$ -inch coupling, 0.6 feet above ground.

Elevation of reference point—1215, from Met. W. D. topog. by J. R. Shoemaker.

Use—Municipal.

Depth of well—900 feet.

Diameter of casing—24 inches.

Other numbers used—Location No. 17650.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1932—			
Jan. 5.....	*466 8	Feb. 11.....	471 4		
Jan. 30.....	466 0				
Mar. 12.....	466 0				

* Measurement by owner.

Measurements from J. R. Shoemaker.

D-718a-G-20, WEST END CONSOLIDATED WATER COMPANY, NO. 1. MAP 6

Location and description—45 feet south of A. T. & S. F. Ry. and 800 feet west of Mountain Avenue, Ontario.

Reference point—Top of $\frac{3}{4}$ -inch coupling, 0.4 feet above ground.

Elevation of reference point—1215, from Met. W. D. topog. by J. R. Shoemaker.

Use—Irrigation.

Depth of well—743 feet.

Other numbers used—Location No. 17620B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 3.....	465.8	1931— Jan. 30..... Mar. 28..... Sept. 25..... Oct. 23..... Dec. 19.....	471.9 471.4 481.2 481.9 478.2	1932— Feb. 13.....	476.5

Measurements from J. R. Shoemaker.

D-721b-G-20, KINGSLEY TRACT WATER COMPANY. MAP 6

Location and description—80 feet east of Ramona Avenue and 600 feet north of San Bernardino Avenue (Fourth Street), west of Ontario.

Reference point—Top edge of $\frac{3}{4}$ -inch pipe 0.15 feet above pump house floor and ground.

Elevation of reference point—1048, from Met. W. D. topog. by J. R. Shoemaker.

Use—Irrigation.

Depth of well—890 feet.

Diameter of casing—20 inches.

Other numbers used—L. A. Co. F. C. D. No. 3292A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— July 9.....	*283.8	1931— Jan. 29..... Mar. 12..... May 9..... Dec. 19.....	312.9 311.0 313.8 321.1	1932— Feb. 18.....	317.6
1930— Jan. 29..... April 11..... July 19.....	*312.9 305.0 327.4				

* Measurement from Los Angeles County Flood Control District. Reference point—top of casing.

Measurements from J. R. Shoemaker except as noted.

D-722c-G-20, LIMITED MUTUAL WATER COMPANY, NO. 1. MAP 6

Location and description—60 feet south of Eighth Street and 1200 feet east of Central Avenue, west of Ontario.

Reference point—Top of steel I beams, at ground, to and including April 17, 1930, then, top of casing, at ground.

Elevation of reference point—1182, from Met. W. D. topog. by J. R. Shoemaker.

Use—Irrigation and domestic.

Depth of well—660 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17610.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— April 17.....	439.0	1931— Jan. 30.....	444.9		

Measurements from J. R. Shoemaker.

D-723-G-20, 5TH STREET MUTUAL WATER COMPANY. MAP 6

Location and description—600 feet west of Mountain Avenue, 20 feet south of Fifth Street, Ontario.

Reference point—Bottom edge of pump base plate, 0.1 feet above floor and ground.

Elevation of reference point—1115, from Met. W. D. topog. by J. R. Shoemaker.

Use—Irrigation.

Depth of well—705 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17621.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 2.....	365.7	1931— Jan. 29.....	371.6	1932— Feb. 18.....	375.9

Measurements from J. R. Shoemaker.

D-724-G-21, GAYLORD BROTHERS. MAP 6

Location and description—40 feet south of 7th Street and 115 feet west of San Antonio Avenue, Ontario.

Reference point—Bottom edge of base plate, 0.5 feet above ground.

Elevation of reference point—1173, from Met. W. D. topog. by J. R. Shoemaker.

Use—Irrigation.

Diameter of casing—16 inches.

Other numbers used—Location No. 17631.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 2..... July 19.....	419.8 422.9	1931— Jan. 30.....	425.5	1932— Feb. 18.....	430.3

Measurements from J. R. Shoemaker.

D-725a-G-21, SAN ANTONIO WATER COMPANY, NO. 12 (SIXTH STREET WELL). MAP 6

Log Available

Location and description—50 feet south of Sixth Street, 0.35 miles west of North Grove Avenue, Ontario.

Reference point—Top of pump base, 0.12 feet above concrete floor, at ground.

Elevation of reference point—1128.4, from levels by owner.

Use—Irrigation.

Depth of well—706 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17661A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— Dec. 5.....	371.0	1930— Jan. 2..... Mar. 5..... May 7..... July 2..... Sept. 3..... Oct. 1..... Nov. 5..... Dec. 3.....	374.8 375.5 375.7 377.6 379.4 378.0 379.6 377.3	1931— Jan. 7..... Sept. 2..... Dec. 2.....	380.1 384.9 384.5
1929— Jan. 2..... Mar. 6..... May 1..... June 5..... July 3..... Aug. 7..... Sept. 4..... Oct. 2..... Dec. 4.....	370.7 399.1 369.5 390.7 371.8 392.3 374.1 393.0 375.0	1932— Jan. 13.....		384.0	

Measurements from Cucamonga Conservation Association.

D-726a-H-21, CITY OF ONTARIO, NO. 3. MAP 6

Log Available

Location and description—80 feet south of Fourth Street, 75 feet west of Grove Avenue, east of Ontario.

Reference point—Edge of pit at floor and ground.

Elevation of reference point—1057.0, from levels by owner.

Use—Municipal.

Depth of well—604 feet.

Diameter of casing—18 inches.

Other numbers used—Location No. 17672.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 17.....	322.1	Jan. 15.....	327.2	Feb. 11.....	335.5
July 17.....	326.5	May 14.....	333.9		
		Sept. 25.....	334.4		
		Oct. 22.....	335.6		
		Dec. 18.....	330.2		

Measurements from J. R. Shoemaker.

D-727-H-21, SAN ANTONIO WATER COMPANY, NO. 18. MAP 6

Location and description—60 feet south of Fourth Street and 240 feet west of San Antonio Avenue, Ontario.

Reference point—Top of 1-inch pipe, 0.6 feet above floor and ground.

Elevation of reference point—1093, from Met. W. D. topog. by J. R. Shoemaker.

Use—Irrigation.

Diameter of casing—26 inches.

Other numbers used—Location No. 17632.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 2.....	356.5	Jan. 29.....	351.7	Feb. 18.....	355.7
July 19.....	349.0				

Measurements from J. R. Shoemaker.

D-728-H-20, DEL MONTE IRRIGATION COMPANY, NO. 221. MAP 6

Location and description—60 feet north of Orchard Avenue (G Street), 110 feet east of Benson Avenue, Ontario.

Reference point—Bottom edge of pump base, at floor and ground.

Elevation of reference point—1032, from Met. W. D. topog. by J. R. Shoemaker.

Use—Irrigation.

Diameter of casing—18 inches.

Other numbers used—Location No. 17622.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
April 12.....	292.6	Jan. 29.....	298.9	Feb. 18.....	304.0
		Mar. 12.....	298.4		

Measurements from J. R. Shoemaker.

D-729-H-20, DEL MONTE IRRIGATION COMPANY, NO. 219. MAP 6

Location and description—165 feet south of Kingsley Avenue, 1200 feet east of Monte Vista Avenue, west of Ontario.

Reference point—Top of pit, east side, 1.3 feet above ground.

Elevation of reference point—985, from Met. W. D. topog. by J. R. Shoemaker.

Use—Irrigation.

Depth of well—400 feet.

Diameter of casing—18 inches.

Other numbers used—Location No. 17603.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— April 11.....	245.0	1931— Jan. 29.....	251.5	1932— Feb. 18.....	257.2

Measurements from J. R. Shoemaker.

D-733-H-20, MRS. JONES. MAP 6

Location and description—150 feet east of Monte Vista Avenue, 25 feet south of Railroad Avenue, (First Street), west of Ontario.

Reference point—Top of casing, 0.9 feet above ground.

Elevation of reference point—940.6, from levels by D. W. R.

Use—Not used.

Diameter of casing—6 inches.

Other numbers used—Location No. 17604.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925— Aug. 17.....	187.1	1930— April 10.....	201.5	1932— Feb. 19.....	212.2
1926— April 6.....	184.5	July 21.....	208.9		
		1931— Jan. 31.....	207.7		

Measurements from J. R. Shoemaker.

D-733c-H-20, MONTE VISTA IRRIGATION COMPANY, NO. 2. MAP 6

Location and description—160 feet west of Benson Avenue, 45 feet south of State Street, west of Ontario.

Reference point—Top edge of pump base plate, at floor, 0.3 feet above ground.

Elevation of reference point—966.5, from levels by D. W. R.

Use—Irrigation.

Depth of well—454 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17614.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 3.....	228.2	1931— Jan. 17.....	234.5	1932— Feb. 19.....	238.0

Measurements from J. R. Shoemaker.

D-734b-H-20, MONTE VISTA IRRIGATION COMPANY, NO. 5. MAP 6

Location and description—50 feet south of State Street, 800 feet east of Magnolia Avenue, Ontario.

Reference point—Top edge of pump base, 0.6 feet above floor and 1.6 feet above ground.

Elevation of reference point—974.8, from levels by D. W. R.

Use—Irrigation.

Depth of well—450 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17634.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 3.....	240.4	1931— Jan. 17..... Mar. 12.....	246.9 *255.0	1932— Feb. 19.....	249.4

* Pumping.

Measurements from J. R. Shoemaker.

D-735-H-21, ARMSTRONG NURSERIES. MAP 6

Location and description—30 feet south of Dessau Street, 279 feet west of South San Antonio Avenue, Ontario.

Reference point—Top edge of air line hole in pump head, 0.9 feet above ground.

Elevation of reference point—922.0, from levels by D. W. R.

Use—Irrigation.

Depth of well—300 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17645D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931— Jan. 22..... Mar. 12..... May 9.....	199.2 198.1 199.2	1931—Cont. Sept. 25..... Oct. 23..... Dec. 19.....	212.5 212.2 204.4	1932— Feb. 13.....	201.6

Measurements from J. R. Shoemaker.

D-736-H-21, EXCHANGE ORANGE PRODUCTS COMPANY. MAP 6

Log Available

Location and description—170 feet west of Campus Avenue, 175 feet south of Grove Street, Ontario.

Reference point—Top of coupling on $\frac{3}{4}$ -inch pipe 0.7 feet above ground.

Elevation of reference point—962.5, from levels by D. W. R.

Use—Industrial and domestic.

Depth of well—590 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17654A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 16.....	230.5	1931— Jan. 16..... Mar. 28.....	235.4 234.9	1932— Feb. 11.....	238.4

Measurements from J. R. Shoemaker.

D-736b-H-21, ARENA MUTUAL WATER ASSOCIATION. MAP 6

Location and description—700 feet west of Grove Avenue, 45 feet north of Belmont Street, east of Ontario.

Reference point—Bottom edge of pump base, south side, 0.1 feet below ground.

Elevation of reference point—923.3, from levels by D. W. R.

Use—Irrigation.

Depth of well—495 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17664

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1932—			
Jan. 16.....	202.9	Feb. 13.....	201.1		
Mar. 12.....	198.7				
May 9.....	199.3				
Oct. 23.....	201.8				
Dec. 19.....	201.6				

Measurements from J. R. Shoemaker.

D-738-H-21, CHINO IRRIGATION COMPANY. MAP 6

Location and description—500 feet east of San Antonio Avenue and 600 feet north of Ely Street, Ontario.

Reference point—Bottom edge of pump base, 1.2 feet above ground.

Elevation of reference point—861, from Chino L. & W. Co., topog. by D. W. R.

Use—Irrigation.

Depth of well—550 feet.

Diameter of casing—14 inches.

Other numbers used—Location No. 17646A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 3.....	143.1	Jan. 17.....	147.1	Feb. 13.....	148.5
		Mar. 12.....	145.5		

Measurements from J. R. Shoemaker.

D-740-H-20, R. W. BALDWIN. MAP 6

Location and description—600 feet east of Monte Vista Avenue, 600 feet south of Francis Street, west of Ontario.

Reference point—Bottom edge of pump base, at ground.

Elevation of reference point—844, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Irrigation.

Depth of well—300 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 17606.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
April 18.....	118.9	Jan. 31.....	121.9	Feb. 19.....	125.0
July 21.....	141.4	Mar. 28.....	126.4		
		May 9.....	125.2		
		Sept. 25.....	135.3		
		Oct. 23.....	131.8		

Measurements from J. R. Shoemaker

D-740a-H-20, CITY OF CHINO, NO. 3. MAP 6

Location and description—445 feet west of Central Avenue, 400 feet south of Phillips Boulevard, west of Ontario.

Reference point—Top of 1 beams, at ground.

Elevation of reference point—881, from Chino L. & W. Co. topog by D. W. R.

Use—Municipal.

Depth of well—453 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17605.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— July 19.....	189.4	1931— Jan. 30..... May 9..... July 3.....	161.5 164.6 177.2	1932— Feb. 19.....	160.4

Measurements from J. R. Shoemaker.

D-741c-H-20, IRA D. PARKER. MAP 6

Location and description—75 feet north of Philadelphia Avenue, 385 feet west of Norton Avenue, northwest of Chino.

Reference point—Top of casing, 0.6 feet above ground.

Elevation of reference point—800, from Chino L. & W. Co., topog. by D. W. R.

Use—Domestic.

Depth of well—100 feet.

Diameter of casing—7 inches.

Other numbers used—Post No. 38; L. A. Co. F. C. D. No. 3286.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— July 27..... Nov. 19..... Dec. 27.....	71.0 66.1 64.6	1930— April 18.....	69.5	1932— Feb. 19.....	78.3
1929— April 17..... May 20..... Dec. 10.....	63.6 68.1 71.8	1931— Jan. 24..... Mar. 28..... May 9..... July 3.....	74.4 74.5 75.3 80.5		

Measurements from Los Angeles County Flood Control District to and including December 10, 1929; then, from J. R. Shoemaker.

D-742-H-19, O. TAKEIRI. MAP 6

Location and description—20 feet south of Franklin Avenue, 75 feet east of East End Avenue, south-east of Pomona. 1.5' x 1.5' wooden pit, 60 feet deep.

Reference point—Bottom of pump plate, at ground.

Elevation of reference point—825, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Irrigation.

Depth of well—300 feet.

Diameter of casing—6 inches.

Other numbers used—L. A. Co. F. C. D. No. 3275B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926— April 16.....	76.7	1931— Jan. 31..... Mar. 12.....	95.9 95.4	1932— Feb. 19.....	99.6
1930— April 10.....	92.3				

Measurements from J. R. Shoemaker.

D-743h-I-19, C. E. REIMERS. MAP 6

Location and description—200 feet north of Walnut Avenue, 150 feet west of Pipe Line Avenue, southeast of Pomona.

Reference point—Top of boards, 1.1 feet above ground and 0.2 feet above curb.

Elevation of reference point—771, from Chino L. & W. Co. topog. by D. W. R.

Use—Domestic.

Depth of well—174 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 3287B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
April 19.....	51.2	Jan. 23.....	49.8	Feb. 20.....	52.4
July 24.....	54.9				

Measurements from J. R. Shoemaker.

D-743r-I-19, L. S. LEE. MAP 6

Location and description—145 feet east of East End Avenue, 650 feet south of Philadelphia Avenue, southeast of Pomona. Casing in bottom of 40-foot pit.

Reference point—Top of 10' x 12' over pit, 1.2 feet above ground.

Elevation of reference point—790, from Chino L. & W. Co. topog. by D. W. R.

Use—Not used.

Depth of well—405 feet.

Diameter of casing—14 inches.

Other numbers used—U. S. G. S. No. 2a; W. S. P. 468, No. 62a; L. A. Co. F. C. D. No. 3276.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1914—		1918—		1921—	
Nov. 19.....	41.8	May 10.....	35.3	May 27.....	36.2
1915—		Oct. 14.....	35.8	July 22.....	42.0
May 25.....	40.5	1919—		Sept. 13.....	42.9
Nov. 13.....	41.2	May 10.....	36.5	Oct. 18.....	39.6
1916—		Nov. 7.....	34.6	1922—	
Nov. 14.....	35.5	1920—		Mar. 24.....	36.2
1917—		Nov. 24.....	36.2	May 25.....	40.2
May 26.....	36.7			Aug. 9.....	43.3
Nov. 26.....	34.1			1923—	
				May 22.....	42.2

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records.)

D-743z-I-19, H. H. SEAPY. MAP 6

Location and description—20 feet west of East End Avenue, 1320 feet south of Walnut Avenue, southeast of Pomona.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—746, from Chino L. & W. Co. topog. by D. W. R.

Use—Not used.

Depth of well—160 feet.

Diameter of casing—10 inches.

Other numbers used—W. S. P. 468, No. 63; L. A. Co. F. C. D. No. 3277A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1904—		1909—		1928—	
Sept. 7.....	8.8	April 4.....	2.5	May 23.....	30.3
Dec. 13.....	3.2	July 9.....	17.5	July 27.....	48.0
		Oct. 12.....	7.5	Nov. 19.....	20.4
1905—				Dec. 27.....	18.9
Feb. 20.....	2.0	1910—			
April 14.....	1.4	Feb. 1.....	2.3	1929—	
June 22.....	7.4	Aug. 8.....	15.3	April 17.....	18.9
July 20.....	12.8			May 20.....	37.0
Sept. 20.....	11.9	1911—		Dec. 10.....	28.1
Dec. 20.....	4.1	Jan. 3.....	3.6		
1906—		1912—		1930—	
Mar. 14.....	3.8	July 27.....	19.8	June 21.....	52.
June 26.....	13.8	Oct. 21.....	9.1	1931—	
Aug. 1.....	15.7			Jan. 22.....	28.6
Dec. 10.....	4.8	1913—		Feb. 11.....	26.5
1907—		Oct. 16.....	18.0	Mar. 25.....	31.7
Feb. 11.....	4.3	1927—		April 1.....	39.0
Aug. 26.....	12.1	May 27.....	29.9	May 6.....	*28.8
Dec. 30.....	5.6	Nov. 3.....	22.4	June 10.....	*49.5
1908—				July 22.....	*66.0
April 20.....	12.0			Aug. 26.....	*60.0
June 22.....	11.1			Oct. 21.....	*35.4
Oct. 13.....	6.9			Dec. 23.....	*31.6
Dec. 26.....	4.1				

* Measurement from Los Angeles County Flood Control District.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records) except as noted.

D-745-I-20, A. HARRIS. MAP 6

Location and description—40 feet south of Philadelphia Avenue (Ely Street), 375 feet west of Central Avenue, north of Chino.

Reference point—Bottom edge of pump base, at ground.

Elevation of reference point—818, from Chino L. & W. Co. topog. by D. W. R.

Use—Irrigation.

Depth of well—232 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 17606A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
April 10.....	100.8	Jan. 31.....	102.9	Feb. 19.....	105.5
		Mar. 28.....	109.1		
		May 9.....	106.7		

Measurements from J. R. Shoemaker.

D-747a-I-21, J. F. SOLTER. MAP 6

Location and description—0.36 miles west of Euclid Avenue, 850 feet north of Riverside Drive, 45 feet south of S. P. R. R., south of Ontario.

Reference point—Top of pump base at bolt hole, at ground.

Elevation of reference point—790, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Irrigation and domestic.

Depth of well—300 feet.

Diameter of casing—24 inches.

Other numbers used—Location No. 17647.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 8.....	87.7	Jan. 17.....	90.6	Feb. 13.....	90.5
July 22.....	100.5	Mar. 14.....	89.7		
		May 9.....	94.2		
		Sept. 1.....	*106.0		

* Measurement from owner.

Measurements from J. R. Shoemaker except as noted.

D-748c-I-21, A. J. LEAVITT. MAP 6

Location and description—360 feet south of Walnut Avenue and 600 feet west of Grove Avenue, south of Ontario.

Reference point—Bottom edge of pump base, 0.6 feet above ground.

Elevation of reference point—805.9, from levels by D. W. R.

Use—Irrigation and domestic.

Diameter of casing—16 inches.

Other numbers used—Location No. 17667A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 10.....	107.1	Jan. 17.....	109.8	Feb. 13.....	110.4
		Mar. 14.....	108.5		

Measurements from J. R. Shoemaker.

D-749-I-21, MR. TAYLOR. MAP 5

Location and description—30 feet south of Chino Avenue, 0.39 miles east of Euclid Avenue, east of Chino.

Reference point—Bottom edge of pump base at oil line hole, 1 foot below ground.

Elevation of reference point—756.5, from levels by D. W. R.

Use—Irrigation and domestic.

Diameter of casing—14 inches.

Other numbers used—Location No. 17658A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 9.....	71.9	Jan. 24.....	74.0	Feb. 12.....	73.8
July 24.....	84.3	Sept. 25.....	85.1		
		Dec. 19.....	77.2		

Measurements from J. R. Shoemaker.

D-750a-I-21, L. E. DAVAINÉ. MAP 5

Location and description—100 feet south of Chino Avenue, 30 feet west of San Antonio Avenue, east of Chino.

Reference point—Top edge of bolt hole in lower flange on pump head.

Elevation of reference point—743, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Irrigation and domestic.

Depth of well—350 feet.

Diameter of casing—14 inches.

Other numbers used—Location No. 17648.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— April 25.....	61 5	1931— Jan. 24..... Mar. 14.....	53 4 53 7	1932— Feb. 12.....	53 1

Measurements from J. R. Shoemaker.

D-751-I-20, CHINO DISTRICT NO. 1. MAP 5

Location and description—45 feet south of Riverside Drive, 450 feet east of Oak Street, east of Chino.

Reference point—Bottom edge of pump base, 0.2 feet above ground.

Elevation of reference point—765, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Irrigation and domestic.

Depth of well—825 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 17628.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 8.....	64 2	1931— Jan. 17..... Mar. 14..... May 9..... Sept. 25..... Oct. 23..... Dec. 19.....	67 9 66 8 69 6 78 9 78 1 69 1	1932— Feb. 12.....	66 8

Measurements from J. R. Shoemaker.

D-752-I-20, P. SHORELANDER. MAP 5

Location and description—30 feet west of 15th Street (Benson Avenue), 1400 feet north of Shaefer Avenue, Chino.

Reference point—Top of casing, at ground.

Elevation of reference point—712.5, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Irrigation.

Diameter of casing—8 inches.

Other numbers used—Location No. 17619.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— April 25..... July 25.....	37 7 62 1	1931— Jan. 24..... Mar. 14..... May 9..... July 10.....	24 1 29 5 27 1 67 4	1932— Feb. 12.....	24 8

Measurements from J. R. Shoemaker.

D-753a-I-20, SETH HASTINGS. MAP 5

Location and description—30 feet south of Riverside Drive, 400 feet east of Ramona Avenue, Chino.

Reference point—Bottom of pump base, at ground.

Elevation of reference point—741, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Irrigation.

Other numbers used—Location No. 3298.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1931—		1932—	
April 16.....	26.9	Feb. 19.....	36.1	Feb. 19.....	38.1
		Mar. 14.....	39.2		
1930—		May 8.....	39.4		
April 10.....	36.0	July 3.....	74.9		

Measurements from J. R. Shoemaker.

D-753b-I-20, C. R. MARKE. MAP 5

Location and description—207 feet west of Vernon Avenue, 0.13 miles south of Chino Avenue, Chino.

Reference point—Bottom edge of pump base, at ground.

Elevation of reference point—695, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Irrigation and domestic.

Diameter of casing—10 inches.

Other numbers used—Location No. 3299.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
Feb. 19.....	10.9	June 6.....	32.2	Feb. 20.....	11.8
Mar. 24.....	15.1	July 3.....	44.7		
May 8.....	14.2	Sept. 25.....	27.8		

Measurements from J. R. Shoemaker.

D-754a-I-19, MCKINLEY RANCH. MAP 5

Location and description—0.13 miles south of Riverside Drive, 45 feet west of McKinley Avenue, west of Chino.

Reference point—Bottom edge of pump base at air line hole, 1.3 feet above ground.

Elevation of reference point—727.8, from levels by D. W. R.

Use—Irrigation and domestic.

Depth of Well—180 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 3278.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1932—			
Jan. 31.....	11.3	Feb. 20.....	12.2		
Mar. 14.....	11.2				
May 8.....	13.5				

Measurements from J. R. Shoemaker.

D-754c-I-20, E. W. PETERSON. MAP 5

Location and description—75 feet west of Pipe Line Avenue, 0.24 miles north of Chino Avenue, west of Chino.

Reference point—Top of collar on casing, 1.1 feet above ground.

Elevation of reference point—718.3, from levels by D. W. R.

Use—Domestic.

Depth of well—100 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 3288.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1926—		1931—	
Aug. 17.....	a21.8	April 6.....	7.2	Jan. 31.....	12.6
Aug. 29.....	22.4			Mar. 14.....	12.7
Sept. 17.....	21.3	1930—		May 8.....	13.3
Oct. 21.....	b6.8	April 10.....	10.1	Aug. 8.....	38.1
				Sept. 25.....	28.8
				Oct. 23.....	18.0
				Dec. 19.....	14.7

a Well 500 feet northwest pumping.

b Well to northwest idle.

Measurements from J. R. Shoemaker.

D-757a-I-19, R. J. STUART. MAP 5

Location and description—120 feet west of Pipe Line Avenue, 450 feet south of Edison Avenue, south-west of Chino.

Reference point—Top of inside casing, 1.2 feet above ground, to and including June 6, 1931; then, top of 8" x 8" timber under clamp, 0.7 feet above ground.

Elevation of reference point—759.2, to and including June 6, 1931; then, 758.5; from levels by D. W. R.

Use—Domestic.

Diameter of casing—6 inches.

Other numbers used—Location No. 1980.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
July 25.....	40.8	Jan. 24.....	36.2	Sept. 25.....	42.5
		Mar. 26.....	34.5	Dec. 19.....	39.1
		June 6.....	36.4		

Measurements from J. R. Shoemaker.

D-757g-I-19, C. R. HARFORD. MAP 5

Location and description—0.30 miles west of Pipe Line Avenue, 25 feet south of Shaefer Avenue, 25 feet northeast of D-757h-I-19, west of Chino.

Reference point—Top of casing, 0.5 feet below ground.

Elevation of reference point—682, from Chino L. & W. Co. topog. by D. W. R.

Use—Domestic.

Depth of well—175 feet.

Diameter of casing—24 inches.

Other numbers used—Location No. 3279B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1930—		1932—	
Aug. 17.....	12.5	April 26.....	4.8	Mar. 25.....	Flowing
1926—					
April 22.....	3.0				

Measurements from J. R. Shoemaker.

D-759b-1-20, AMERICAN BEET SUGAR COMPANY. MAP 5

Location and description—30 feet south of Edison Avenue, 60 feet west of 15th Street (Benson Avenue), Chino.

Reference point—Bottom edge of pump base, 0.1 feet above ground.

Elevation of reference point—668.1, from levels by D. W. R.

Use—Irrigation.

Diameter of casing—16 inches.

Other numbers used—Location No. 16710.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— April 25.....	7.4	1931— Mar. 28.....	7.1	1932— Feb. 12.....	+3.1
July 24.....	33.8				

Measurements from J. R. Shoemaker.

D-760d-J-20, AMERICAN BEET SUGAR COMPANY—EAST CAMP WELL. MAP 5

Location and description—300 feet north of Eucalyptus Avenue, 250 feet west of Magnolia Avenue, south of Chino.

Reference point—(a) Top of board covering, at ground; (b) Top edge of 4" x 8" timber on curb of pit, 0.4 feet above ground; (c) Top edge of 12" x 12" timbers, 1.7 feet above ground.

Elevation of reference point—(a) 650, (b) 650.4; (c) 651.3; from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Domestic.

Diameter of casing—8 inches.

Other numbers used—State Div. E. and f. No. 166, Corona Quad.; Location No. 16720A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— Sept. 19.....	^a 10.2	1927— Dec. 23.....	^a 2.7	1931— Jan. 24.....	^a 6.8
1924— Dec. 15.....	^a 4.3	1930— April 25.....	^b 6.8	Mar. 14.....	^a 5.9
1925— Oct. 3.....	^a 10.0	July 25.....	^c 21.0	Mar. 28.....	^a 9.1
				May 9.....	^a 7.1
				1932— Feb. 12.....	^a 4.4

^a Reference point (a) used.

^b Reference point (b) used.

^c Reference point (c) used.

^d Measurement from Division of Water Resources.

Measurements from J. R. Shoemaker except as noted.

D-761a-I-21, KARLSON & LA HORGUE. MAP 5

Location and description—60 feet west of Euclid Avenue, ¼ mile south of Edison Avenue, southeast of Chino.

Reference point—Hole in pump base, 0.40 feet above pump house floor and ground.

Elevation of reference point—680.4, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Irrigation.

Depth of well—252 feet.

Diameter of casing—14 inches.

Other numbers used—Location No. 16740.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— April 25.....	31.2	1931— Jan. 24.....	23.1	1932— Feb. 12.....	22.5

Measurements from J. R. Shoemaker.

D-762a-I-21, EARL THOMAS. MAP 5

Location and description—150 feet south of Edison Avenue, 1000 feet west of Bon View Avenue, east of Chino.

Reference point—Edge of hole in pump base, 0.6 feet above floor and ground.

Elevation of reference point—692.6, from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—240 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 16750.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 8.....	34.3	Jan. 29.....	35.5	Feb. 12.....	34.5
July 24.....	50.6	Mar. 14.....	35.6		
		May 8.....	43.6		
		July 10.....	51.4		

Measurements from J. R. Shoemaker

D-763-J-21, J. H. MORE. MAP 5

Location and description—35 feet south of Merrill Avenue, 500 feet east of Bon View Avenue, south-east of Chino.

Reference point—Edge of bolt hole in pump base, 0.5 feet above ground.

Elevation of reference point—653, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Irrigation and domestic.

Depth of well—222 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 16761.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 8.....	18.7	Feb. 6.....	20.0	Feb. 12.....	18.9
July 25.....	31.8	Mar. 28.....	24.8		
Sept. 12.....	35.4	May 8.....	22.5		
Oct. 16.....	33.5	July 10.....	35.8		
Nov. 26.....	26.6	Aug. 8.....	37.8		
Dec. 15.....	23.8	Sept. 25.....	34.0		
		Oct. 23.....	28.4		
		Dec. 19.....	22.3		

Measurements from J. R. Shoemaker.

D-764-J-21, AMERICAN BEET SUGAR COMPANY. MAP 5

Location and description—0.49 miles west of Euclid Avenue, 40 feet south of Merrill Avenue, south-east of Chino.

Reference point—Bottom edge of pump base south side, 0.2 feet above ground.

Elevation of reference point—631.6, from levels by D. W. R.

Use—Irrigation.

Diameter of casing—16 inches.

Other numbers used—Location No. 16741.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
April 26.....	4.8	Feb. 6.....	3.9	Feb. 12.....	2.5
Oct. 16.....	13.1	Mar. 14.....	3.5		
Nov. 26.....	7.8	Mar. 26.....	4.8		
		May 8.....	5.7		
		Aug. 8.....	19.0		

Measurements from J. R. Shoemaker.

D-766-J-20, MR. McCLELLAN. MAP 5

Location and description—105 feet east of Monte Vista Avenue, 0.25 miles south of Merrill Avenue, south of Chino. 58 feet east of new well.

Reference point—Top of casing, 0.7 feet above ground.

Elevation of reference point—603.7, from levels by D. W. R.

Use—Irrigation.

Diameter of casing—16 inches.

Other numbers used—Location No. 16702.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Sept. 1.....	33.3	Jan. 24.....	16.4	Feb. 6.....	16.8
		Mar. 14.....	13.9		
		May 8.....	18.5		
		June 6.....	19.3		
		Sept. 25.....	42.5		
		Oct. 23.....	30.9		
		Dec. 19.....	19.9		

Measurements from J. R. Shoemaker.

D-768-J-19, JIM ABBONA. MAP 5

Location and description—150 feet west of Garey Avenue and 600 feet south of Eucalyptus Avenue, southwest of Chino.

Reference point—Top of 2" x 4" block over casing, northwest side at crack, 1.7 feet above ground.

Elevation of reference point—704.8, from levels by D. W. R.

Use—Domestic.

Depth of well—100 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 1961.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
April 24.....	*48.1	Jan. 24.....	41.4	Feb. 20.....	35.6
July 25.....	*72.4	Mar. 14.....	*40.5		
		May 8.....	36.9		
		June 6.....	*37.7		

* Windmill pumping.

Measurements from J. R. Shoemaker.

D-768a-J-19, JOE VALPREDA. MAP 5

Location and description—140 feet north of Merrill Avenue, 190 feet west of Pipe Line Avenue, southwest of Chino.

Reference point—Top of casing, 1.5 feet above ground, to and including April 22, 1926; then, bottom edge, east side of pump base, 0.1 feet above ground.

Elevation of reference point—659.5, to and including April 22, 1926; then, 658.1; from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—85 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 1981A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1931—		1932—	
Aug. 17.....	58.1	Feb. 19.....	42.8	Feb. 20.....	46.0
Oct. 21.....	53.7	Mar. 14.....	41.4		
Nov. 28.....	48.8	May 8.....	46.4		
1926—					
April 22.....	35.7				

Measurements from J. R. Shoemaker.

D-771a-J-20. MR. NEWMAN. MAP 5

Location and description—50 feet north of Home Ranch Avenue, 20 feet east of Prado Road (Monte Vista Avenue), south of Chino.

Reference point—(a) Top of casing, east side, 0.3 feet above ground; (b) Top of wood block, 0.5 feet above ground.

Elevation of reference point—(a) 601.2; (b) 601.4; from levels by D. W. R.

Use—Not used.

Diameter of casing—6 inches.

Other numbers used—State Div. E. and I. No. 188, Corona Quad.; Location No. 16702E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1926—		1931—	
Sept. 13.....	^a 49.0	April 22.....	^b 10.9	Jan. 20.....	^a 16.4
				Feb. 19.....	^a 13.8
1924—		1927—		Mar. 14.....	^a 13.8
Dec. 15.....	^a 44.0	Oct. 22.....	^a 6.3	April 7.....	^a 26.5
				May 7.....	^a 17.6
1925—		1930—		June 10.....	^a 21.9
Sept. 17.....	^b 34.2	April 10.....	^b 13.1	July 3.....	^a 36.5
Oct. 3.....	^a 36.0	Sept. 2.....	^a 34.8	Aug. 19.....	^a 38.1
Oct. 21.....	^b 22.1	Oct. 29.....	^a 23.6	Oct. 23.....	^a 29.0
		Dec. 10.....	^a 19.2	Nov. 17.....	^a 26.4
				1932—	
				Feb. 6.....	^a 15.9

^a Reference point (a) used.

^b Reference point (b) used.

^c Measurement from J. R. Shoemaker.

^d Measurement from Division of Water Resources

Measurements from Orange County Flood Control District except as noted.

D-771e-J-20, GILBERT U. KRAEMER. MAP 5

Location and description—225 feet east of Prado Road, 0.58 miles south of intersection with Home Ranch Avenue, south of Chino.

Reference point—Bottom edge of pump base, northwest side, 0.2 feet above ground.

Elevation of reference point—583.7, from levels by D. W. R.

Use—Irrigation.

Depth of well—175 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 16713.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Aug. 29.....	41.3	Feb. 6.....	7.2	Feb. 6.....	8.4
Sept. 11.....	37.8				
Oct. 16.....	21.1				
Nov. 26.....	16.7				
Dec. 15.....	12.1				

Measurements from J. R. Shoemaker.

D-772-J-20, R. ROBLES. MAP 5

Location and description—75 feet east of Central Avenue, 150 feet south of Robles Avenue, south of Chino.

Reference point—Top of casing, 0.3 feet above ground.

Elevation of reference point—570.6, from levels by O. Co. F. C. D. from local B. M.

Use—Domestic.

Depth of well—86 feet.

Diameter of casing—8 inches.

Other numbers used—State Div. E, and I. No. 193, Corona Quad.; O. Co. F. C. D. No. P-35; Location No. 16723.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1930—Cont.		1931—Cont.	
Oct. 3.....	a 8.9	Sept. 19.....	10.3	July 23.....	7.9
		Oct. 16.....	b 8.1	Aug. 26.....	9.0
1927—		Nov. 5.....	7.7	Oct. 22.....	6.7
Nov. 11.....	a 2.8	Dec. 9.....	6.1	Nov. 16.....	7.3
1930—		1931—		1932—	
April 26.....	b 4.2	Jan. 2.....	4.5	Feb. 6.....	b 2.5
May 22.....	3.2	Feb. 9.....	3.2		
June 27.....	8.3	April 6.....	4.7		
July 29.....	9.4	June 9.....	3.7		

a Measurement from Division Water Resources.

b Measurement from J. R. Shoemaker.

Measurements from Orange County Flood Control District except as noted.

D-772a-J-20, AMERICAN BEET SUGAR COMPANY. MAP 5

Location and description—50 feet west of Palmetto Avenue and 30 feet south of Remington Avenue, south of Chino.

Reference point—Bottom edge of pump base on south side, at ground.

Elevation of reference point—607.5, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Irrigation.

Diameter of casing—16 inches.

Other numbers used—Location No. 16732.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
April 26.....	2.2	Feb. 6.....	3.8	Feb. 6.....	3.0
Nov. 26.....	11.9	Mar. 14.....	2.9		
Dec. 15.....	7.7	May 8.....	7.4		
		Sept. 25.....	14.5		
		Oct. 23.....	10.6		
		Dec. 19.....	5.4		

Measurements from J. R. Shoemaker.

D-773-J-21, H. P. PEDERSEN (FORMERLY SAMUEL C. MARTNER). MAP 5

Location and description—165 feet south of Robles Avenue, 0.4 miles west of Euclid Avenue, south-east of Chino.

Reference point—Top edge of 1-inch hole in pump base, 0.2 feet above ground.

Elevation of reference point—587.0, from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—190 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 16743.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
April 26.....	2.8	Feb. 6.....	2.5	Feb. 6.....	2.1
July 26.....	6.2	Mar. 28.....	2.8		
Aug. 30.....	8.8	June 5.....	4.5		
Oct. 16.....	6.7	Aug. 8.....	8.3		
Dec. 15.....	4.1				

Measurements from J. R. Shoemaker.

D-775-J-21, J. F. CATLETT. MAP 5

Location and description—0.57 miles east of Euclid Avenue and 270 feet north of Pine Avenue, southeast of Chino.

Reference point—Top edge of clamp on 2-inch pipe, 1.1 feet above ground.

Elevation of reference point—571.0, from levels by J. R. Shoemaker.

Use—Domestic.

Depth of well—100 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 16754.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Aug. 19.....	10.6	Feb. 6.....	6.6	Feb. 6.....	5.9
Sept. 12.....	12.2	Mar. 14.....	6.6		
Oct. 16.....	10.1	May 8.....	6.7		
Dec. 15.....	7.8	June 5.....	7.5		
		Aug. 8.....	10.7		
		Sept. 25.....	12.1		
		Oct. 23.....	8.7		
		Dec. 19.....	7.2		

Measurements from J. R. Shoemaker.

D-776c-J-20, EARL W. POWELL. MAP 5

Location and description—900 feet west of Euclid Avenue, 200 feet south of Pine Avenue, southeast of Chino.

Reference point—Top of concrete pit, at ground.

Elevation of reference point—555.5, from levels by J. R. Shoemaker.

Use—Domestic.

Depth of well—130 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 16744A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
April 26.....	5.6	Feb. 6.....	5.0	Feb. 6.....	4.1
July 26.....	6.7	Mar. 28.....	5.0		
Aug. 30.....	8.4	June 5.....	5.5		
Oct. 16.....	7.8	July 10.....	6.5		
Dec. 15.....	6.3	Sept. 25.....	7.3		
		Oct. 23.....	6.6		
		Dec. 19.....	5.6		

Measurements from J. R. Shoemaker.

D-776e-J-21, LOUIS JACOBSON. MAP 5

Location and description—230 feet east of Euclid Avenue, 30 feet south of Schleisman Avenue, southeast of Chino.

Reference point—Top of casing, 0.3 feet above ground.

Elevation of reference point—573.7, from levels by D. W. R.

Use—Domestic.

Depth of well—40 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 16753.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Sept. 11.....	6.9	Mar. 14.....	4.1	Feb. 12.....	1.1
		June 5.....	4.7		
		Aug. 8.....	7.5		

Measurements from J. R. Shoemaker.

D-777-J-20, T. C. MAYHEW AND ALICE M. FLOWERS. MAP 5

Location and description—225 feet west of Central Avenue and 0.56 miles north of Pine Avenue, south of Chino.

Reference point—Top of casing, west side, 1.2 feet above ground.

Elevation of reference point—550.8, from levels by D. W. R.

Use—Domestic.

Depth of well—75 feet.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. No. P.33; Location No. 16734C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
May 22.....	8.8	Jan. 2.....	9.0	Sept. 11.....	16.2
June 6.....	16.0	Feb. 9.....	9.1	Oct. 22.....	12.5
July 15.....	16.3	Mar. 28.....	*12.5	Nov. 16.....	11.5
Aug. 29.....	20.7	May 8.....	*9.7		
Sept. 25.....	20.0	June 1.....	10.2	1932—	
Oct. 29.....	13.4	July 23.....	17.6	Feb. 12.....	*11.5
Dec. 9.....	10.8	Aug. 12.....	18.3		

* Measurement from J. R. Shoemaker.

Measurements from Orange County Flood Control District except as noted.

D-777a-J-20, BEN AND SAM MOOSCHEKIAN. MAP 5

Location and description—235 feet east of Prado Road, 0.18 miles northwest of Pine Avenue, south of Chino.

Reference point—Bottom edge of lower flange on pump base, 0.4 feet above ground.

Elevation of reference point—535.9, from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—156 feet.

Diameter of casing—14 inches.

Other numbers used—Location No. 16724.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Sept. 11.....	12.4	Feb. 6.....	2.1	Feb. 6.....	2.1
Oct. 16.....	9.8	Mar. 14.....	2.0		
Nov. 26.....	4.8	May 8.....	3.4		
Dec. 15.....	3.7	June 5.....	5.5		
		July 3.....	17.4		

Measurements from J. R. Shoemaker.

D-780-K-20, J. J. SLAUGHTER ESTATE (F. HIRIGOEYESS, LESSEE). MAP 5

Location and description—0.55 miles northwest of Pioneer Avenue, 50 feet west of Prado Road, south of Chino.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—523.1, from levels by O. Co. F. C. D. from local B. M.

Use—Domestic.

Depth of well—46 feet.

Diameter of casing—10 inches.

Other numbers used—O. Co. F. C. D. No. P.25, Location No. 16736.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 16.....	18.9	Jan. 2.....	20.7	Feb. 6.....	*18.6
June 30.....	22.9	Mar. 9.....	19.6		
July 26.....	*24.0	April 6.....	22.2		
Aug. 21.....	26.4	July 23.....	24.7		
Sept. 19.....	27.6	Sept. 25.....	29.5		
Sept. 29.....	*50.2	Oct. 22.....	24.7		
Oct. 10.....	32.6	Nov. 16.....	23.6		
Nov. 5.....	25.0				
Dec. 18.....	22.5				

* Measurement from J. R. Shoemaker.

^b Dry.

Measurements from Orange County Flood Control District except as noted.

D-780b-K-20, F. H. SLAUGHTER. MAP 5

Location and description—0.40 miles south of Pine Avenue, 42 feet east of Prado Road, south of Chino.

Reference point—Top of south side of 4' x 6' pit, 1.1 feet above ground.

Elevation of reference point—536.5, from levels by J. R. Shoemaker.

Use—Domestic.

Depth of well—60 feet.

Diameter of casing—14 inches.

Other numbers used—O. Co. F. C. D. No. P-24; Location No. 16735E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 7.....	14.4	Jan. 2.....	15.6	Feb. 6.....	*14.6
June 2.....	17.8	Mar. 14.....	*14.9		
July 15.....	25.1	May 7.....	15.9		
Sept. 11.....	*29.2	June 5.....	*17.6		
Oct. 29.....	19.4	July 23.....	24.8		
Dec. 15.....	*16.5	Aug. 12.....	35.8		
		Sept. 11.....	29.2		
		Nov. 16.....	17.8		

* Measurement from J. R. Shoemaker.

Measurements from Orange County Flood Control District except as noted.

D-781a-K-21, LOUIS ABACHERLI. MAP 5

Location and description—0.17 miles north of Prado Road, 85 feet east of Pioneer Avenue, south of Chino.

Reference point—Bottom edge of lower flange on pump base, 0.8 feet above ground.

Elevation of reference point—507.6, from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—60 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 16740B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Aug. 19.....	20.2	Feb. 6.....	3.6	Feb. 6.....	2.5
Aug. 29.....	24.4	Mar. 14.....	4.3		
Sept. 11.....	18.9	May 8.....	5.1		
Oct. 16.....	16.9	June 5.....	6.4		
Nov. 26.....	5.9	Sept. 25.....	15.5		
Dec. 15.....	5.1	Oct. 23.....	8.9		
		Dec. 19.....	4.0		

Measurements from J. R. Shoemaker.

D-782-K-21, T. B. ROSS. MAP 5

Location and description—0.21 miles east of Serrano Road, 0.27 miles north of McCarty Avenue, southeast of Chino.

Reference point—Top of casing, 0.6 feet above ground.

Elevation of reference point—553.2, from levels by J. R. Shoemaker.

Use—Not used.

Depth of well—400 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 16776.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
June 7.....	11.6	Feb. 6.....	12.9	Feb. 6.....	11.2
Sept. 11.....	14.8	May 8.....	11.7		
Oct. 16.....	15.6	June 5.....	11.5		
Dec. 15.....	14.7	Sept. 25.....	14.6		
		Dec. 19.....	12.5		

Measurements from J. R. Shoemaker.

D-783-K-21, CHINO GUN CLUB. MAP 5

Location and description—50 feet south of McCarty Avenue, 500 feet east of Serrano Road, southeast of Chino.

Reference point—Top of casing, 3 3 feet above ground

Elevation of reference point—540.3, from levels by J. R. Shoemaker.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 191, Corona Quad.; O. Co. F. C. D. No. P-29, Location No. 1676b.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1930—		1931—	
Oct. 3	^a 25.0	April 11	^b 25.8	Jan. 2	^b 25.8
		June 7	25.6	Feb. 6	25.9
1927—		July 26	25.2	Mar. 28	26.2
Nov. 22	^a 24.8	Oct. 10	^b 25.3	April 7	^b 26.4
		Dec. 15	25.8	June 5	26.3
				Oct. 22	^b 26.3
				Dec. 19	26.3
				1932—	
				Feb. 6	26.2

^a Measurement from Division of Water Resources.

^b Measurement from Orange County Flood Control District.

Measurements from J. R. Shoemaker except as noted.

D-784-K-21, J. F. STRONG. MAP 5

Location and description—85 feet west of Prado Road, 0.2 miles south of San Bernardino County Line, 1.09 miles south of intersection of Prado Road and Pioneer Avenue, southeast of Chino.

Reference point—Hole in cast side of casing at ground.

Elevation of reference point—509.2, from levels by O. Co. F. C. D. from local B. M.

Use—Domestic.

Depth of well—75 feet.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. No. P-27; Location No. 16757.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 7	25.6	June 5	^a 29.4	Feb. 6	^a 21.7
June 16	24.9	July 23	35.3		
July 29	36.6	Aug. 26	35.2		
Sept. 4	41.7	Sept. 25	37.5		
Oct. 10	32.7				
Nov. 20	28.1				

^a Measurement from J. R. Shoemaker.

Measurements from Orange County Flood Control District except as noted.

D-784d-K-21, PIONEER SCHOOL. MAP 5

Location and description—135 feet east of Prado Road, 0.28 miles south of intersection with Pioneer Avenue, southeast of Chino.

Reference point—Top, west side of casing, at ground.

Elevation of reference point—501.0, from levels by O. Co. F. C. D. from local B. M.

Use—Domestic.

Diameter of casing—7 inches.

Other numbers used—O. Co. F. C. D. No. P-26; Location No. 16756.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1930—Cont.		1931—Cont.	
April 15	3.0	Sept. 11	18.1	May 7	5.9
May 7	3.6	Oct. 21	11.8	June 9	10.1
June 6	9.8	Nov. 20	7.6	July 9	15.9
July 29	15.4			Aug. 26	18.7
Aug. 21	24.6	1931—		Sept. 11	23.4
		Jan. 2	4.9	Oct. 22	9.8
		Mar. 9	4.3	Nov. 16	6.5

Measurements from Orange County Flood Control District.

D-787c-K-21, C. J. HAUETER. MAP 5

Location and description—35 feet east of Prado Road, 4690 feet north of Serrano Road, southeast of Chino. 10 feet south of domestic well.

Reference point—Top of casing, at ground.

Elevation of reference point—506.3, from levels by J. R. Shoemaker.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—Location No. 16758C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Aug. 18.....	32.0	Feb. 6.....	25.9	Feb. 6.....	23.6
Aug. 29.....	32.9				
Sept. 11.....	32.2				
Oct. 16.....	29.2				
Nov. 26.....	28.4				
Dec. 15.....	27.0				

Measurements from J. R. Shoemaker.

D-788-K-21, F. P. SERRANO. MAP 5

Location and description—395 feet north of Serrano Road, 0.08 miles east of Prado Road, southeast of Chino.

Reference point—Top edge of 1' x 8' board over casing, 0.4 feet above ground.

Elevation of reference point—479.3, from levels by J. R. Shoemaker.

Use—Domestic and irrigation.

Depth of well—80 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 16759.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Aug. 18.....	6.7	Feb. 6.....	4.4	Feb. 12.....	3.9
Sept. 11.....	6.7	Mar. 14.....	5.4		
Oct. 16.....	6.2	June 5.....	5.9		
		July 3.....	6.6		
		Aug. 8.....	7.1		

Measurements from Chino Basin Protective Association.

D-788a-K-21, SANTA ANA LAND & WATER COMPANY. MAP 5

Location and description—135 feet west of Serrano Road, 0.4 miles south of Chino Gun Club Road, 1.61 miles south of McCarty Avenue, southeast of Chino.

Reference point—Top of clamp on 2-inch pipe, at ground.

Elevation of reference point—487.1, from levels by J. R. Shoemaker.

Use—Domestic.

Diameter of casing—7 inches.

Other numbers used—Bailey No. 3717A; Location No. 16769.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
July 26.....	4.9	Feb. 6.....	2.1		
Oct. 16.....	4.3	June 5.....	3.8		
Nov. 26.....	3.5	Aug. 8.....	5.5		
Dec. 15.....	3.2				

Measurements from J. R. Shoemaker.

D-789-L-21, I. V. ASHCROFT. MAP 5

Location and description—185 feet east of Prado Road, 0.23 miles south of Serrano Road, southeast of Chino.

Reference point—Top of casing, 1.4 feet above ground.

Elevation of reference point—478.3, from levels by J. R. Shoemaker.

Use—Not used.

Depth of well—65 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 15850.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Aug. 18.....	14.2	Feb. 6.....	12.3	Feb. 6.....	12.5
Sept. 11.....	14.3	Mar. 14.....	13.5		
Oct. 16.....	13.9	June 5.....	13.8		
Dec. 15.....	13.4	Aug. 8.....	14.3		
		Oct. 23.....	13.9		
		Dec. 19.....	12.9		

Measurements from J. R. Shoemaker.

D-801-K-21, McCARTY BROTHERS. MAP 5

Location and description—40 feet west of Hellman Avenue, 0.15 miles south of Chandler Street, southeast of Chino.

Reference point—Bottom edge of pump base, at ground, to and including May 9, 1931; then, bottom edge of clamp on air and oil lines, east side of pump, 0.7 feet above ground.

Elevation of reference point—563.5, to and including May 9, 1931; then, 564.2; from levels by D. W. R.

Use—Irrigation.

Depth of well—290 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 16785A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
June 5.....	21.6	Feb. 6.....	18.5	Feb. 6.....	18.2
Nov. 26.....	20.2	Mar. 28.....	22.0		
Dec. 16.....	19.4	May 9.....	19.4		
		Oct. 23.....	19.8		
		Dec. 19.....	18.8		

Measurements from J. R. Shoemaker.

D-802-K-21, McCARTY BROTHERS. MAP 5

Location and description—0.25 miles west of Hellman Avenue and 0.40 miles south of McCarty Avenue, 240 feet north of Chino Gun Club Road, southeast of Chino.

Reference point—Top of casing, east side, 0.8 feet above ground.

Elevation of reference point—545.3, from levels by D. W. R.

Use—Not used.

Depth of well—400 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 16787.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 30.....	27.6	Feb. 6.....	27.1	Feb. 6.....	27.6
July 26.....	30.7	July 3.....	31.3		
Sept. 12.....	29.6	Sept. 25.....	30.9		
Dec. 15.....	27.4	Dec. 19.....	27.9		

Measurements from J. R. Shoemaker.

D-811a-K-22, FULLER RANCHO, NO. 5, MAP 5

Location and description—0.39 miles east of Hellman Avenue, 0.22 miles west of Archibald Avenue, 600 feet southwest of Auburndale Road (Chino-Corona Blvd.), west of Norco.

Reference point—Bottom edge of pump base, 0.7 feet above ground.

Elevation of reference point—592.4, from levels by D. W. R.

Use—Irrigation.

Depth of well—220 feet.

Other numbers used—Bailey No. 3710A; Location No. 16797A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
June 5.....	67.9	Feb. 6.....	59.0	Feb. 6.....	58.7
Oct. 17.....	65.5	Mar. 28.....	59.9		
Nov. 28.....	59.6	June 5.....	59.9		
Dec. 16.....	59.4	July 3.....	65.3		

Measurements from J. R. Shoemaker.

D-812-K-22, McCARTY BROTHERS, NO. 2, MAP 5

Location and description—40 feet north of McCarty Avenue (Chino-Corona Blvd.), 640 feet east of Hellman Avenue, west of Norco.

Reference point—Southwest side of bottom edge of bottom flange on pump head, 0.7 feet above ground.

Elevation of reference point—562.8, from levels by D. W. R.

Use—Irrigation.

Depth of well—310 feet.

Diameter of casing—16 inches.

Other numbers used—Bailey No. 373B; Location No. 16796.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 30.....	28.9	Feb. 6.....	28.4	Feb. 6.....	28.6
Aug. 30.....	30.1	May 9.....	29.0		
Sept. 12.....	38.5	Aug. 8.....	31.5		
Nov. 28.....	29.0	Dec. 19.....	28.9		
Dec. 16.....	28.8				

Measurements from J. R. Shoemaker.

D-813-K-22, J. T. HAMNER, MAP 5

Location and description—600 feet east of Archibald Avenue, 3900 feet south of Chandler Avenue, on east line of private drive, west of Norco.

Reference point—North side of top of casing, 0.9 feet above ground.

Elevation of reference point—546.8, from levels by D. W. R.

Use—Domestic.

Diameter of casing—7 inches.

Other numbers used—Location No. 16816.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
June 5.....	7.1	Feb. 7.....	6.1	Feb. 6.....	6.6
Sept. 12.....	8.3	Mar. 28.....	6.6		
Oct. 17.....	7.3	May 9.....	7.0		
Dec. 16.....	6.4	June 5.....	6.5		
		Aug. 8.....	8.1		
		Sept. 25.....	7.0		
		Dec. 19.....	6.2		

Measurements from J. R. Shoemaker.

D-901b-I-21, HOLCOMB ESTATE. MAP 6

Location and description—195 feet east of Corona Avenue, 1920 feet north of Riverside Drive, south-east of Ontario

Reference point—Bottom edge of pump base, 0.7 feet above ground

Elevation of reference point—795, from Chino L. & W. Co. topog. by D. W. R.

Use—Irrigation.

Diameter of casing—16 inches.

Other numbers used—Location No. 17687A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 9.	111.0	1931— Mar. 14. May 9. Sept. 25. Oct. 23. Dec. 19.	111.9 122.2 127.6 116.3 114.3	1932— Feb. 13.	112.9

Measurements from J. R. Shoemaker.

D-902a-I-21, DIXON AND WALKER. MAP 5

Location and description—30 feet south of Chino Avenue, 0.28 miles west of Walker Avenue, east of Chino.

Reference point—Bottom edge of pump base, 0.5 feet above ground.

Elevation of reference point—751.5, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Irrigation.

Depth of well—195 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 17678.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 9. July 24.	77.2 82.9	1931— Jan. 29. Mar. 14. May 9.	79.2 78.3 81.2	1932— Feb. 12.	79.3

Measurements from J. R. Shoemaker.

D-903-I-21, MR. KING. MAP 5

Location and description—60 feet south of Edison Avenue, 625 feet east of Walker Avenue, east of Chino.

Reference point—Bottom edge of pump base, 1.5 feet above ground.

Elevation of reference point—696.1, from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—257 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 16780.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 8.	44.0	1931— Jan. 29. Mar. 14. May 8. June 5.	45.8 43.3 48.2 49.0	1932— Feb. 12.	44.9

Measurements from J. R. Shoemaker.

D-904b-J-21, C. T. MERRILL. MAP 5

Location and description—30 feet west of Walker Avenue and 300 feet south of Merrill Avenue, southeast of Chino.

Reference point—Bottom edge of pump base, 0.8 feet below ground.

Elevation of reference point—656.2, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Irrigation and domestic.

Depth of well—207 feet.

Diameter of casing—14 inches.

Other numbers used—Location No. 16781.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
April 26.....	25.3	Feb. 6.....	24.6	Feb. 12.....	23.9
Oct. 16.....	31.9	Mar. 14.....	23.7		
Dec. 15.....	27.5	May 8.....	28.1		
		Aug. 8.....	34.1		

Measurements from J. R. Shoemaker.

D-905-J-21, E. E. WILSON, JR. MAP 5

Location and description—100 feet south of Remington Avenue, 30 feet east of Grove Avenue, southeast of Chino.

Reference point—Top of 3" x 4" blocks over casing, 1.4 feet above ground.

Elevation of reference point—631.4, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Domestic.

Other numbers used—Location No. 16772.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
April 26.....	13.9	Feb. 6.....	13.2	Feb. 12.....	12.0
July 25.....	20.0				
Sept. 12.....	22.0				
Nov. 26.....	17.8				
Dec. 15.....	16.3				

Measurements from J. R. Shoemaker.

D-905a-J-21, F. S. KIMBALL. MAP 5

Location and description—30 feet south of Robles Avenue, 0.43 miles east of Grove Avenue, southeast of Chino.

Reference point—Hole on west side top of casing, at ground.

Elevation of reference point—624, from Chino L. & W. Co. topog. by J. R. Shoemaker.

Use—Irrigation.

Depth of well—60 feet.

Diameter of casing—18 inches.

Other numbers used—O. Co. F. C. D. No. P-16; Location No. 16773.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
April 26.....	^a 21.0	Jan. 2.....	13.0	July 25.....	19.1
May 8.....	10.9	Mar. 14.....	^a 12.4	Sept. 11.....	20.7
June 6.....	14.7	May 7.....	14.4	Oct. 22.....	17.2
Aug. 21.....	21.1	June 5.....	^a 15.7	Nov. 16.....	16.0
Oct. 29.....	18.1				
Dec. 9.....	15.1				

^a Measurement from J. R. Shoemaker.

Measurements from Orange County Flood Control District except as noted.

D-906b-J-21, H. W. VAN MATRE. MAP 5

Location and description—0.22 miles east of Grove Avenue, 0.15 miles south of Pine Avenue, south-east of Chino.

Reference point—Top of board, at ground, to and including November 23, 1927; then, top edge of 3" x 4" boards, north side, over casing, 0.3 feet above ground.

Elevation of reference point—594.3, to and including November 23, 1927; then, 594.6; from levels by D. W. R.

Use—Domestic.

Depth of well—40 feet.

Diameter of casing—10 inches.

Other numbers used—State Div. E. and I. No. 158, Corona Quad.; Location No. 16774A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— Sept. 13.....	^a 17.8	1927— Nov. 23.....	^a 8.2	1931— Feb. 6.....	3.0
1924— Dec. 15.....	^a 8.6	1930— Aug. 19.....	8.0	May 9.....	^b 3.2
1925— Oct. 2.....	^a 19.6	Sept. 12.....	11.8	July 11.....	^b 11.5
		Oct. 16.....	12.9	Aug. 19.....	^b 11.3
		Dec. 15.....	3.9	Oct. 23.....	^b 6.7
				Nov. 17.....	^b 4.2
				1932— Feb. 6.....	2.8

^a Measurement from Division of Water Resources.

^b Measurement from Orange County Flood Control District.

Measurements from J. R. Shoemaker except as noted.

D-906d-J-21, DIKE RANCH. MAP 5

Location and description—40 feet south of Pine Avenue and 60 feet west of Hellman Avenue, south-east of Chino.

Reference point—Bottom edge of pump base at air line hole, 0.6 feet above ground.

Elevation of reference point—602.7, from levels by D. W. R.

Use—Irrigation.

Depth of well—250 feet.

Diameter of casing—14 inches.

Other numbers used—Location No. 16784C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— April 26.....	10.8	1931— Feb. 6.....	6.3	1932— Feb. 6.....	6.0
Oct. 16.....	11.5	Mar. 14.....	6.8		
Nov. 26.....	8.9	May 8.....	7.8		
Dec. 15.....	7.9	June 5.....	11.0		
		Aug. 8.....	17.1		
		Oct. 23.....	9.9		
		Dec. 19.....	7.6		

Measurements from J. R. Shoemaker.

D-906g-J-21, C. E. WATKINS. MAP 5

Location and description—275 feet north of Chandler Street, 0.66 miles west of Hellman Avenue, southeast of Chino. 4.5 x 4.5 dug shaft.

Reference point—Top edge of pit, 0.5 feet above ground.

Elevation of reference point—573, from aneroid by D. W. R.

Use—Domestic and irrigation.

Depth of well—22 feet.

Other numbers used—Location No. 16775B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Aug. 21.....	8.5	1931— Feb. 6.....	9.5	1932— Feb. 6.....	9.2
Nov. 26.....	10.0	Mar. 14.....	8.6		
Dec. 15.....	10.0	June 5.....	9.5		
		Aug. 8.....	11.0		

Measurements from J. R. Shoemaker.

D-906i-J-21, J. J. DENNIE. MAP 5

Location and description—0.09 miles west of Hellman Avenue, 1000 feet north of Chandler Street, 0.78 miles south of Pine Avenue, southeast of Chino.

Reference point—Top of planks over 5' x 5' pit, at south side of discharge pipe, 0.8 feet above ground.

Elevation of reference point—565.1, from levels by O. Co. F. C. D. from local B. M.

Use—Domestic.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 156, Corona Quad.; O. Co. F. C. D. No. P-14; Location No. 16785C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1930—		1931—	
Sept. 14.....	*5.9	May 21.....	4.7	Jan. 2.....	4.8
		July 29.....	7.3	Mar. 9.....	4.8
1924—		Aug. 29.....	9.1	June 24.....	7.1
Dec. 15.....	*Flowing	Oct. 10.....	6.1	Aug. 12.....	8.3
		Nov. 12.....	5.4	Sept. 26.....	7.9
1925—		Dec. 18.....	5.0	Nov. 16.....	5.2
Oct. 3.....	*7.4				
1927—					
Nov. 23.....	*5.3				

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

D-907a-J-22, L. ROWLAND. MAP 5

Location and description—50 feet south of Pine Avenue, 0.51 miles west of Archibald Avenue, northwest of Norco.

Reference point—Top of casing, north side, 4.1 feet below ground.

Elevation of reference point—602.2, from levels by D. W. R.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—Location No. 16793.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Aug. 21.....	10.3	Feb. 6.....	2.0	Feb. 6.....	0.7
Aug. 30.....	11.4	Aug. 8.....	11.1		
Oct. 17.....	5.7				
Dec. 15.....	2.8				

Measurements from J. R. Shoemaker.

D-907b-J-22, F. L. FLEMING. MAP 5

Location and description—0.31 miles north of Chandler Street, 0.49 miles west of Archibald Avenue, northwest of Norco.

Reference point—Top of 2" x 4" boards, south side, over well, 0.1 feet above ground.

Elevation of reference point—578.5, from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—75 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 16794.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
June 5.....	5.5	Feb. 7.....	3.3	Feb. 6.....	2.7
Aug. 30.....	9.5				
Oct. 17.....	6.3				
Dec. 16.....	4.5				

Measurements from J. R. Shoemaker.

D-908a-J-22, C. GAGGINO. MAP 5

Location and description—300 feet west of Archibald Avenue, 0.60 miles south of Cloverdale Road, northwest of Norco.

Reference point—Top of 2" x 12" timber over pit, 1.1 feet above ground.

Elevation of reference point—626.0, from levels by D. W. R.

Use—Irrigation and domestic.

Diameter of casing—12 inches.

Other numbers used—Location No. 16803.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
April 26.....	17.5	Feb. 7.....	13.6	Feb. 6.....	13.5
July 25.....	24.4	Mar. 14.....	14.9		
Oct. 17.....	19.5	May 8.....	15.5		
Dec. 16.....	15.6	July 10.....	25.0		

Measurements from J. R. Shoemaker.

D-909-J-22, LEONARD TEICHRIEB. MAP 5

Location and description—0.38 miles west of Archibald Avenue, 60 feet south of Merrill Avenue, southeast of Chino.

Reference point—Bottom edge of lower flange on pump head 1.4 feet above ground.

Elevation of reference point—659.5, from levels by D. W. R.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—Location No. 16791.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Aug. 30.....	38.9	Feb. 7.....	26.5	Feb. 6.....	26.6
Oct. 17.....	33.6	Mar. 28.....	30.4		
Dec. 16.....	28.5	May 8.....	29.7		
		July 10.....	36.3		
		Sept. 25.....	35.6		
		Oct. 23.....	31.9		
		Dec. 19.....	28.5		

Measurements from J. R. Shoemaker.

D-910-I-22, A. S. THIRWALL. MAP 5

Location and description—45 feet south of Shacfer Avenue, 0.31 miles east of Vineyard Avenue, east of Chino.

Reference point—Top edge of lower flange on pump head, 0.2 feet above ground.

Elevation of reference point—725.3, from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—360 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 17699A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 9.....	67.0	Jan. 29.....	79.3	Feb. 12.....	68.0

Measurements from J. R. Shoemaker.

D-911-I-22, C. W. SMITH. MAP 5

Location and description—90 feet south of Chino Avenue, 0.12 miles east of Vineyard Avenue, east of Chino.

Reference point—Top edge of bolt hole in pump base, 0.2 feet above base plate and 0.5 feet above ground.

Elevation of reference point—747.1, from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—375 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 17698.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 9.....	77.7	1931— Feb. 7..... Mar. 14.....	79.0 78.4	1932— Feb. 12.....	79.5

Measurements from J. R. Shoemaker.

D-913-I-22, THOMAS MONKS. MAP 6

Location and description—0.49 miles south of Riverside Boulevard, 200 feet east of Turner Avenue, south of Guasti.

Reference point—Top of 4" x 6" blocks over casing, 0.6 feet above ground.

Elevation of reference point—828.3, from levels by D. W. R.

Use—Domestic.

Depth of well—164 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 17716.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 24..... Aug. 7.....	142.2 144.4	1931— Jan. 16..... Mar. 12.....	144.1 143.2	1932— Feb. 5.....	144.8

Measurements from J. R. Shoemaker.

D-913b-I-22, FRANK VERNOLA. MAP 6

Location and description—260 feet east of Turner Avenue, 0.3 miles north of Riverside Avenue, southeast of Ontario.

Reference point—Top edge of 2" x 6" timbers, south side, under pump head, 0.3 feet above ground.

Elevation of reference point—801.8, from levels by D. W. R.

Use—Domestic.

Diameter of casing—6 inches.

Other numbers used—Location No. 17717.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 24..... Aug. 7.....	123.7 126.3	1931— Jan. 16..... Mar. 28..... May 9..... July 11..... Sept. 25..... Oct. 23..... Dec. 19.....	125.3 124.7 125.2 126.7 128.0 127.6 126.7	1932— Feb. 5.....	125.9

Measurements from J. R. Shoemaker.

D-914-I-22, C. C. NICKLES. MAP 5

Location and description—30 feet east of Archibald Avenue, 175 feet south of Riverside Drive, east of Chino.

Reference point—Top of 3-inch pipe at base of pump, 0.5 feet above ground.

Elevation of reference point—779.6, from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—364 feet.

Diameter of casing—17 inches.

Other numbers used—Location No. 17708.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 9.....	105.8	1931— Jan. 16..... Mar. 27.....	107.1 107.2	1932— Feb. 11.....	107.6

Measurements from J. R. Shoemaker.

D-915-I-22, MATTES, STROWSKY AND WIENER. MAP 5

Location and description—185 feet east of Archibald Avenue, 0.24 miles north of Edison Avenue, east of Chino.

Reference point—Top of 2" x 12" timbers over casing, 1.3 feet above ground.

Elevation of reference point—718.3, from levels by D. W. R.

Use—Domestic.

Diameter of casing—14 inches.

Other numbers used—Location No 17709C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 23..... July 26.....	74.6 68.6	1931— Jan. 29..... Mar. 14..... July 11..... Sept. 25..... Dec. 19.....	64.2 63.3 68.6 70.2 66.5	1932— Feb. 11.....	64.5

Measurements from J. R. Shoemaker.

D-918b-J-22, FULLER RANCHO, NO. 7 DIXON WELL. MAP 5

Location and description—35 feet south of Pine Avenue, 0.38 miles east of Archibald Avenue, north-west of Norco.

Reference point—Top edge of south timber supporting pump, at ground.

Elevation of reference point—612.1, from levels by D. W. R.

Use—Irrigation.

Depth of well—190 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 16814B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Sept. 12..... Nov. 28.....	18.3 12.0	1931— Feb. 7.....	9.4		

Measurements from J. R. Shoemaker.

D-918d-J-22, F. GRATZINGER. MAP 5

Location and description—400 feet north of Citrus Street, 0.15 miles west of Sumner Avenue, north-west of Norco.

Reference point—Bottom edge of lower flange of pump head, 0.3 feet above ground.

Elevation of reference point—599.8, from levels by D. W. R.

Use—Domestic and irrigation.

Depth of well—196 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 16824B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Aug. 30.....	30.0	Feb. 7.....	26.2	Feb. 6.....	25.9
Oct. 17.....	28.6	May 9.....	27.0		
Dec. 16.....	26.9	Aug. 8.....	30.5		
		Sept. 25.....	28.7		
		Dec. 19.....	26.4		

Measurements from J. R. Shoemaker.

D-919a-J-22, FULLER RANCHO. MAP 5

Location and description—325 feet east of Cleveland Avenue, 335 feet south of Citrus Avenue, north of Norco.

Reference point—Top edge of 2' x 12' plank over casing, west side, 0.7 feet above ground.

Elevation of reference point—577.2, from levels by D. W. R.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—Location No. 16834.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
June 5.....	3.8	Feb. 7.....	2.5	Feb. 5.....	2.7
Aug. 30.....	4.8				
Oct. 17.....	3.9				
Dec. 16.....	3.0				

Measurements from J. R. Shoemaker.

D-919c-J-22, F. RABBIDEAN. MAP 5

Location and description—0.37 miles west of Adams Avenue, 0.2 miles south of Orange Street, north of Norco.

Reference point—Edge of pit, at ground.

Elevation of reference point—627.9, from levels by D. W. R.

Use—Irrigation.

Depth of well—186 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 16834B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 30.....	40.8	Feb. 7.....	40.8	Feb. 5.....	40.6
Sept. 12.....	43.4				
Oct. 17.....	43.3				
Dec. 16.....	41.6				

Measurements from J. R. Shoemaker.

D-920-J-22, W. F. ELDRIDGE. MAP 5

Location and description—65 feet south of Cloverdale Road, 0.16 miles east of Sumner Avenue, north of Norco.

Reference point—Concrete floor, at north edge of pit, 0.1 feet below ground.

Elevation of reference point—654.7, from levels by D. W. R.

Use—Irrigation.

Depth of well—250 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 16822A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 30.....	28.7	Feb. 7.....	27.0	Feb. 6.....	27.3
Nov. 28.....	29.8	May 9.....	28.8		
Dec. 16.....	28.9	Dec. 19.....	28.7		

Measurements from J. R. Shoemaker.

D-921a-J-22, W. F. FLINTRIDGE. MAP 5

Location and description—105 feet west of Adams Avenue, 500 feet north of Cloverdale Road, north of Norco.

Reference point—Bottom edge of pump base, west side, 1.8 feet below ground.

Elevation of reference point—663.4, from levels by D. W. R.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—Location No. 16842.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
July 26.....	42.1	Feb. 7.....	24.5	Feb. 5.....	24.4
Aug. 30.....	30.4				
Oct. 17.....	40.4				
Dec. 16.....	26.4				

Measurements from J. R. Shoemaker.

D-922-I-22, F. NICKELS. MAP 5

Location and description—0.30 miles east of Haven Avenue, 123 feet south of Edison Avenue, east of Chino.

Reference point—Top of casing, southeast side, 0.9 feet above ground.

Elevation of reference point—726.6, from levels by D. W. R.

Use—Domestic.

Depth of well—150 feet.

Diameter of casing—6 inches.

Other numbers used—Location No. 16830.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 24.....	72.8	Jan. 29.....	73.5	Feb. 11.....	73.6
July 26.....	81.3	Mar. 24.....	74.3		
		May 9.....	74.9		

Measurements from J. R. Shoemaker.

D-922c-1-22, V. N. VAN NORMAN. MAP 5

Location and description—120 feet west of Adams Avenue, 1056 feet south of Edison Avenue, east of Chino.

Reference point—Bottom edge of pump base, 0.35 feet above pump house floor, 0.5 feet above ground.

Elevation of reference point—712.4, from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—175 feet.

Diameter of casing—14 inches.

Other numbers used—Location No. 16804A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 30.....	58.4	Feb. 7.....	58.0	Feb. 5.....	58.7
July 26.....	63.2				
Oct. 17.....	62.4				
Dec. 16.....	59.7				

Measurements from J. R. Shoemaker.

D-923-I-22, C. L. C. CORPORATION. MAP 5

Location and description—80 feet west of Adams Avenue, 0.48 miles north of Edison Avenue, east of Chino.

Reference point—Bottom edge of pump base, west side, 0.6 feet below ground.

Elevation of reference point—750.7, from levels by D. W. R.

Use—Irrigation.

Depth of well—444 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 17749.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
May 24.....	87.2	Feb. 7.....	87.5	May 9.....	88.5
July 26.....	97.5	Mar. 13.....	87.7	Sept. 25.....	92.3
				Oct. 22.....	92.2

Measurements from J. R. Shoemaker.

D-928-I-23, CALIFORNIA LANDS (FORMERLY GEORGE BUCCOLA). MAP 5

Location and description—0.5 miles east of Adams Avenue, 50 feet south of Belle Grove Avenue, north of Norco.

Reference point—Hole in south side of casing, 1.2 feet above ground.

Elevation of reference point—703.0, from levels by D. W. R.

Use—Irrigation.

Depth of well—200 feet.

Diameter of casing—16 inches.

Other numbers used—State Div. E. and I. No. 189, Corona Quad.; Location No. 16850B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1931—		1932—	
Nov. 25.....	*46.9	Jan. 20.....	51.0	Feb. 5.....	b51.3
		Mar. 10.....	50.5		
1930—		May 9.....	51.5		
June 6.....	b51.3	June 10.....	52.5		
Oct. 29.....	53.8	July 11.....	54.9		
Dec. 16.....	b52.2	Oct. 23.....	53.9		
		Nov. 17.....	53.2		

* Measurement from Division of Water Resources.

b Measurement from J. R. Shoemaker.

Measurements from Orange County Flood Control District except as noted.

D-928a-J-23, HOMER LOFTEN. MAP 5

Location and description—0.5 miles north of Cloverdale Road, 0.49 miles east of Adams Avenue, north of Norco

Reference point—Bottom edge of pump base, south side, 0.5 feet above ground

Elevation of reference point—681.3, from levels by D. W. R.

Use—Irrigation and domestic

Other numbers used—Location No. 16851A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
June 6.....	37.0	Feb. 7.....	36.7	Feb. 5.....	37.1
Aug. 30.....	41.1	May 9.....	37.7		
Oct. 17.....	40.8	July 10.....	41.1		
Dec. 16.....	38.2	Sept. 25.....	41.1		
		Oct. 22.....	40.1		
		Dec. 19.....	38.3		

Measurements from J. R. Shoemaker.

D-929-J-23, KATHERINE KOCOUREK. MAP 5

Location and description—470 feet east of Adams Avenue, 0.51 miles south of Cloverdale Road, north of Norco.

Reference point—Wooden curb, at ground, to and including November 25, 1927, then bottom edge of pump base, 1.3 feet above ground

Elevation of reference point—645.3, to and including November 25, 1927; then, 646.6; from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—160 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 154, Corona Quad.; Location No. 16843.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1931—	
Nov. 22.....	*40.0 est.	Nov. 25.....	*41.5	Feb. 7.....	42.7
1925—		1930—		Mar. 13.....	42.7
Oct. 3.....	*43.2 est.	May 30.....	43.1	May 9.....	43.4
		July 26.....	44.5	Aug. 8.....	54.4
		Oct. 17.....	44.4	1932—	
		Dec. 16.....	44.0	Feb. 6.....	42.7

* Measurement from Division of Water Resources.

Measurements from J. R. Shoemaker except as noted.

D-929a-J-23, R. C. JACKS. MAP 5

Location and description—600 feet north of Olive Street (River Road), 0.12 miles west of Wineville Avenue, north of Norco.

Reference point—Top edge of 6' x 6' sill, south side of pit, 0.2 feet above ground

Elevation of reference point—650.8, from levels by D. W. R.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—Location No. 16853

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
June 5.....	40.4	May 9.....	40.9	Feb. 5.....	40.8
Aug. 30.....	41.6	July 11.....	41.9		
Oct. 17.....	41.6	Sept. 25.....	42.3		
Dec. 16.....	41.2	Dec. 19.....	41.3		

Measurements from J. R. Shoemaker.

D-933-J-23, R. H. ALLEN. MAP 5

Location and description—0.43 miles west of Etiwanda Avenue, 375 feet south of Emerson Avenue, northwest of Norco.

Reference point—Top edge of 8" x 8" timbers over pit, east side, 1.2 feet above ground.

Elevation of reference point—683.9, from levels by D. W. R.

Use—Not used.

Other numbers used—Location No. 16861.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
June 5.....	43.7	Feb. 7.....	47.9	Feb. 5.....	47.8
Aug. 7.....	43.7				
Sept. 12.....	48.9				
Dec. 16.....	48.6				

Measurements from J. R. Shoemaker.

D-934-I-23, C. N. MARRITTA. MAP 5

Location and description—600 feet east of Wineville Avenue, 145 feet north of Belle Grove Avenue, north of Norco.

Reference point—East side of bottom edge of pump base, 1 foot above ground.

Elevation of reference point—715.2, from levels by D. W. R.

Use—Domestic.

Depth of well—104 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 16860.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
June 6.....	56.8	Feb. 7.....	55.7	Feb. 5.....	56.5
Sept. 12.....	59.3	Mar. 13.....	55.4		
Nov. 28.....	57.4	July 10.....	60.4		
Dec. 16.....	56.8				

Measurements from J. R. Shoemaker.

D-935-I-23, A. A. LANG. MAP 5

Location and description—150 feet east of Wineville Avenue, 610 feet south of Riverside Avenue, north of Norco.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—785.3, from levels by D. W. R.

Use—Domestic.

Depth of well—150 feet.

Diameter of casing—7 inches.

Other numbers used—Location No. 17758A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
June 6.....	127.3	Feb. 7.....	104.0	Feb. 4.....	105.1
Aug. 7.....	106.3	Mar. 13.....	103.5		
		Aug. 15.....	107.4		
		Sept. 25.....	107.6		
		Dec. 19.....	106.0		

Measurements from J. R. Shoemaker.

D-936a-1-23, CHAS. STERNS & SON, NO. 5. MAP 6

Location and description—0.48 miles west of Etiwanda Avenue, 75 feet south of San Bernardino County south line, south of Etiwanda.

Reference point—Bottom edge, north side of pump base, 0.2 feet below ground and floor.

Elevation of reference point—845.4, from levels by D. W. R.

Use—Irrigation.

Depth of well—501 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 17766.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1932—			
Feb. 5.....	127.8	Feb. 4.....	129.3		
Mar. 27.....	128.1				
Sept. 25.....	131.7				
Dec. 19.....	129.9				

Measurements from J. R. Shoemaker.

D-938-I-23, CHAS. STERNS & SONS. MAP 5

Location and description—845 feet east of Etiwanda Avenue, 150 feet south of U. P. R. R., northeast of Norco.

Reference point—On 2' x 12' over pit at north side about floor level, 1.6 feet above ground.

Elevation of reference point—783.8, from levels by D. W. R.

Use—Not used.

Depth of well—300 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 17778B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931— Cont.		1932—	
Feb. 5.....	103.8	Sept. 23.....	109.5	Feb. 4.....	105.2
May 15.....	104.4	Oct. 22.....	106.9		
Aug. 8.....	107.5	Dec. 19.....	105.6		

Measurements from J. R. Shoemaker.

D-939b-1-23, SECURITY-FIRST NATIONAL BANK OF LOS ANGELES. MAP 5

Location and description—450 feet northwest of Belle Grove Avenue, 0.5 miles east of Etiwanda Avenue, northeast of Norco.

Reference point—South side of concrete curb at ground.

Elevation of reference point—717, from levels by State Div. E. and 1.

Use—Irrigation.

Depth of well—250 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and 1. No. 163, Corona Quad.; Location No. 17789.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1931—	
July 1.....	*63.8	Nov. 28.....	*76.3	Mar. 10.....	78.6
1924—		1930—		May 9.....	79.8
Dec. 15.....	*64.0	Sept. 2.....	78.0	Aug. 19.....	79.7
1925—		Oct. 29.....	78.1	Sept. 17.....	79.4
Oct. 5.....	*66.6	Dec. 10.....	77.5	Nov. 17.....	78.2

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

D-940b-J-23, P. R. EMERSON. MAP 5

Location and description—120 feet south of Emerson Avenue, 130 feet east of Riverview Drive, northeast of Norco.

Reference point—Southeast side top of casing, 0.6 feet above ground.

Elevation of reference point—701.3, from levels by D. W. R.

Use—Not used.

Depth of well—136 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 16881.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Aug. 15.....	61.2	1931— Feb. 5..... Mar. 27..... Sept. 25..... Oct. 22..... Dec. 19.....	60.8 61.1 62.1 62.0 61.6	1932— Feb. 5.....	61.2

Measurements from J. R. Shoemaker.

D-957-I-24, MR. FOX. MAP 8

Location and description—20 feet south of Galena Street, 0.4 miles west of Garnet Street, northwest of Riverside.

Reference point—Top of casing, at ground.

Elevation of reference point—734.9, from levels by D. W. R.

Use—Not used.

Diameter of casing—10 inches.

Other numbers used—Location No. 17819.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931— May 22..... July 11..... Aug. 8.....	16.0 16.1 16.1	1932— Feb. 4.....	17.8		

Measurements from J. R. Shoemaker.

D-968-J-25, MR. TSUBOTA. MAP 8

Location and description—300 feet southeast of Riverview Drive, 0.40 miles southwest of intersection of Riverview Drive and Limonite Avenue, west of Riverside.

Reference point—4" x 6" on top of casing, 3.0 feet above ground, to and including May 2, 1929; then, top of casing, 2.6 feet above ground.

Elevation of reference point—720.9, to and including May 2, 1929; then, 720.5; from levels by Davidson and Fulmor.

Use—Domestic.

Other numbers used—Riverside Cement Co. No. 93; State Div. E. and I. No. 189, Elsinore Quad.; Location No. 16962.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927— Aug. 10..... Oct. 6..... Nov. 26..... Dec. 9.....	11.8 *12.0 *11.9 11.9	1929— Jan. 7..... Feb. 12..... Mar. 7..... May 2..... Aug. 8..... Nov. 25.....	10.3 10.6 10.3 10.8 11.8 11.8	1930— May 1.....	10.5
1928— Jan. 18..... Feb. 7..... April 11..... May 12..... July 19..... Nov. 8..... Dec. 7.....	11.0 10.6 10.9 8.9 11.4 11.7 8.4			1931— May 4..... Sept. 15..... Dec. 18.....	10.7 12.4 11.0

* Measurement from Division of Water Resources.

Measurements from Riverside Cement Company except as noted.

D-969-J-25, MR. MARTINEZ. MAP 8

Location and description—1 6 miles southwest of Mission Boulevard, 60 feet southeast of Riverview Drive, west of Riverside. Dug well, 3' x 3'.

Reference point—Top of iron clamp, 2.0 feet above ground.

Elevation of reference point—760⁹, from levels by Davidson and Fulmor.

Use—Domestic.

Other numbers used—State Div. E. and I. No. 191, Elsinore Quad.; Riverside Cement Co. No. 95; Location No. 16971C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1928—		1929—	
Aug. 10.....	28.2	Jan. 18.....	29.4	Jan. 7.....	27.6
Sept. 7.....	28.5	Mar. 9.....	29.9	Feb. 12.....	28.7
Oct. 6.....	^a 27.9	May 11.....	28.4	April 8.....	30.3
Nov. 26.....	^a 28.4	June 7.....	27.9	May 2.....	29.1
Dec. 9.....	28.7	Aug. 9.....	27.0		
		Sept. 17.....	28.0		
		Nov. 8.....	^b 25.3		
		Dec. 7.....	26.4		

^a Measurement from Division of Water Resources.

^b Jurupa Ditch full.

Measurements from Riverside Cement Company except as noted.

D-974-I-25, C. W. WILSON. MAP 8

Location and description—35 feet northwest of A Street and 100 feet southwest of Second Street, West Riverside.

Reference point—Top of concrete block, 1.7 feet above ground.

Elevation of reference point—839³, from levels by Davidson and Fulmor.

Use—Domestic.

Depth of well—160 feet.

Diameter of casing—8 inches.

Other numbers used—State Div. E. and I. No. 204, San Bernardino Quad.; Riverside Cement Co. No. 82; Location No. 178⁹⁸.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1928—		1929—	
Aug. 27.....	75.4	Jan. 17.....	75.2	Jan. 3.....	75.7
Oct. 6.....	^a 74.8	Mar. 9.....	75.6		
Nov. 29.....	^a 74.4	April 16.....	76.1		
		June 6.....	76.2		
		Sept. 27.....	75.9		
		Nov. 2.....	75.6		
		Dec. 8.....	75.7		

^a Measurement from Division of Water Resources.

Measurements from Riverside Cement Company except as noted.

D-975c-I-25, E. K. SMITH. MAP 8

Location and description—200 feet southeast of A Street, 0.2 miles northeast of Wilson Street, 1500 feet southwest of First Street, West Riverside.

Reference point—Top of 2-inch iron clamp, 1.5 feet above ground, 0.2 feet above top of rock curb around well.

Elevation of reference point—817.6, from levels by Davidson & Fulmor.

Use—Domestic.

Depth of well—70 feet.

Other numbers used—Riverside Cement Co., No. 80, Location No. 17899D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1930—	
Aug. 8.....	47.0	Feb. 8.....	47.2	May 1.....	48.3
Sept. 7.....	47.1	Mar. 6.....	47.4	Oct. 8.....	48.8
Oct. 6.....	46.8	May 4.....	47.8		
Dec. 10.....	46.5	June 21.....	49.9	1931—	
		July 8.....	48.3	May 4.....	48.6
1928—		Sept. 11.....	48.7	Dec. 18.....	49.2
Feb. 13.....	46.5	Nov. 11.....	48.3		
Mar. 9.....	45.7				
April 17.....	46.9				
June 6.....	47.1				
Sept. 27.....	47.6				
Dec. 7.....	47.1				

Measurements from Riverside Cement Company.

D-975d-I-25, W. S. PITNEY. MAP 8

Location and description—1/4-mile southeast of Riverview Drive, 0.6 miles southwest of intersection of Riverview Drive and Mission Boulevard, West Riverside. Dug well 5' x 5'.

Reference point—Top of iron clamp, 1 foot above ground, and 0.54 feet above board cover of pit.

Elevation of reference point—770.7, from levels by Davidson and Fulmor.

Use—Domestic.

Depth of well—23 feet.

Other numbers used—Riverside Cement Co. No. 99, State Div. E. and I. No. 195, Elsinore Quad.; Location No. 16980A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Aug. 6.....	13.7	Jan. 7.....	14.5	May 4.....	14.1
Sept. 7.....	13.4	Mar. 7.....	14.4	Sept. 15.....	15.3
Nov. 26.....	13.7	April 8.....	14.5	Dec. 18.....	14.9
		Sept. 11.....	14.8		
1928—		Nov. 25.....	14.1		
Jan. 18.....	13.7				
Mar. 9.....	13.9	1930—			
May 11.....	13.8	May 1.....	14.1		
June 7.....	14.0	Oct. 30.....	14.9		
Sept. 17.....	14.3				
Nov. 8.....	14.5				

* Measurement from Division of Water Resources.

Measurements from Riverside Cement Company except as noted.

DIVISION OF WATER RESOURCES

D-975j-1-25, C. M. KIRKPATRICK. MAP 8

Location and description—100 feet south of Mission Boulevard, 800 feet east of Riverview Drive, West Riverside.

Reference point—Top of clamp, 0.5 feet above ground.

Elevation of reference point—770.8, from levels by Davidson and Fulmor.

Use—Domestic.

Depth of well—200 feet.

Diameter of casing—8 inches.

Other numbers used—State Div. E. and I. No. 185, Elsinore Quad.; Riverside Cement Co. No. 77; Location No. 16980.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1928—		1929—	
Aug. 4.....	10.5	Feb. 13.....	10.3	Jan. 3.....	10.8
Oct. 6.....	*10.4	April 11.....	10.5	Mar. 6.....	11.0
Dec. 10.....	10.2	June 6.....	10.5		
		Sept. 17.....	11.1		
		Nov. 1.....	10.7		

* Measurement from Division of Water Resources.

Measurements from Riverside Cement Company except as noted.

D-976-J-25, P. T. EVANS. MAP 8

Location and description—1.4 miles northeast of U. P. R. bridge crossing over Santa Ana River, 1.6 miles south of Mission Boulevard and 0.75 miles east of Riverview Drive, West Riverside.

Reference point—Top of lower casing, 0.5 feet above ground.

Elevation of reference point—746.0, from levels by Davidson and Fulmor.

Use—Domestic.

Depth of well—206 feet.

Diameter of casing—12 inches.

Other numbers used—Riverside Cement Co. No. 102; State Div. E. and I. No. 198, Elsinore Quad.; Location No. 16981.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1928—		1929—	
Aug. 11.....	5.9	Feb. 7.....	5.6	Jan. 7.....	6.0
Oct. 6.....	*5.4	Mar. 6.....	5.8	Mar. 7.....	6.0
Dec. 9.....	5.9	April 11.....	5.7	May 4.....	5.4
		June 7.....	6.1		
		Aug. 9.....	5.5		
		Nov. 8.....	6.0		

* Measurement from Division of Water Resources.

Measurements from Riverside Cement Company except as noted.

D-976a-J-25, P. T. EVANS. MAP 8

Location and description—0.4 miles southwest of Mission Boulevard on center line of Wallace Street extended, 0.6 miles northwest of Rubidoux Bridge over Santa Ana River, West Riverside.

Reference point—Bottom edge of upper 4' x 4' wooden clamp, 0.8 feet above ground, to and including May 4, 1929; then, top of casing, at ground.

Elevation of reference point—761.6, to and including May 4, 1929, then, 760.8; from levels by Davidson and Fulmor.

Use—Domestic.

Diameter of casing—5 inches.

Other numbers used—State Div. E. and I. No. 199, Elsinore Quad.; Riverside Cement Co. No. 103; Location No. 16991.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Aug. 11.....	6.2	Feb. 14.....	6.9	Jan. 7.....	5.6
Oct. 10.....	56.6	April 5.....	5.9	Feb. 6.....	5.1
Dec. 10.....	5.7	May 4.....	6.7	Mar. 9.....	5.7
		June 20.....	6.0	May 4.....	5.9
1928—		Aug. 8.....	6.2	Sept. 15.....	6.7
Feb. 17.....	5.6	Oct. 17.....	6.0	Dec. 18.....	5.9
April 16.....	5.9				
June 6.....	6.2	1930—			
Aug. 3.....	6.4	Jan. 29.....	5.2		
Sept. 28.....	5.8	Feb. 25.....	5.5		
Nov. 1.....	6.3	April 30.....	5.6		
		Aug. 7.....	6.2		
		Nov. 7.....	6.1		

* Measurement from Division of Water Resources.

Measurements from Riverside Cement Company except as noted.

D-983c-I-26, MR. McMAHON. MAP 8

Location and description—150 feet southeast of B Street, 0.10 miles southwest of Fourth Street, West Riverside. South of cement plant.

Reference point—Top of wooden clamp, 1.7 feet above ground, to and including May 4, 1929; then, top of casing, 1.2 feet above ground.

Elevation of reference point—851.5, to and including May 4, 1929; then, 851.0; from levels by Davidson and Fulmor.

Use—Domestic.

Depth of well—135 feet.

Diameter of casing—12 inches.

Other numbers used—Riverside Cement Co. No. 67; Location No. 17908C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1930—	
Aug. 3.....	57.5	Jan. 5.....	57.8	May 1.....	58.2
Oct. 7.....	58.3	Mar. 4.....	58.0	Oct. 8.....	57.9
Dec. 10.....	57.2	June 20.....	58.9		
		July 8.....	57.8	1931—	
1928—		Sept. 11.....	58.0	April 8.....	57.6
Jan. 17.....	57.5	Nov. 11.....	57.8	Oct. 13.....	58.1
Mar. 28.....	57.8				
May 4.....	57.9				
July 6.....	57.7				
Aug. 2.....	57.9				
Nov. 2.....	57.7				

Measurements from Riverside Cement Company.

D-983k-1-26, LEON GUITTEREZ. MAP 8

Location and description—North side of Belle Street produced, 0.3 miles southeast of C Street, 300 feet southwest of Alvarado Station on P. E. Railway, 50 feet southeast of Jurupa Ditch, West Riverside.

Reference point—Top of pump base, 1.1 feet above ground, to and including May 3, 1929; then, top of casing, 1.0 foot above ground.

Elevation of reference point—822.0, to and including May 3, 1929; then, 821.9; from levels by Davidson and Fulmor.

Use—Domestic.

Diameter of casing—10 inches.

Other numbers used—Riverside Cement Co. No. 69; Location No. 17918B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Aug. 3.....	29.4	Jan. 5.....	28.7	Jan. 7.....	29.3
Oct. 6.....	28.3	Feb. 4.....	28.6	Feb. 6.....	29.0
Nov. 22.....	27.7	Mar. 4.....	28.8	Mar. 9.....	28.9
		May 3.....	29.0	April 8.....	29.2
1928—		Sept. 11.....	29.8	May 4.....	28.6
Jan. 17.....	28.0	Nov. 11.....	29.6	June 9.....	29.4
Feb. 7.....	27.9			July 8.....	29.8
May 4.....	28.8	1930—		Aug. 6.....	30.2
Aug. 2.....	29.1	Feb. 26.....	28.7	Dec. 18.....	29.4
Nov. 1.....	28.1	Mar. 29.....	28.3		
		May 1.....	29.2		
		Sept. 9.....	30.1		
		Nov. 7.....	29.8		

Measurements from Riverside Cement Company.

D-984-1-26, ERVINE W. BIGGAR. MAP 7

Log Available

Location and description—50 feet south of El Rivino Drive, 100 feet east of Bloomington-Crestmore Road, northwest of Riverside Cement Co. plant, southwest of Colton.

Reference point—Top of steel casing, 0.9 feet above ground.

Elevation of reference point—930.9, from levels by Davidson and Fulmor.

Use—Domestic.

Depth of well—201 feet.

Diameter of casing—16 inches.

Other numbers used—Riverside Cement Co. No. 58; State Div. E. and I. No. 202, San Bernardino Quad.; Location No. 17906.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Aug. 29.....	84.2	Jan. 27.....	86.3	Jan. 7.....	90.3
Oct. 24.....	86.0	Mar. 26.....	85.7	Feb. 6.....	89.8
Nov. 18.....	84.0	April 4.....	86.2	April 8.....	92.6
		June 20.....	92.4		
1928—		Aug. 9.....	96.9	1932—	
Jan. 30.....	82.6	Nov. 11.....	93.7	Jan. 18.....	91.0
Mar. 26.....	82.4				
May 28.....	84.5	1930—			
July 30.....	87.5	Jan. 29.....	89.9		
Sept. 27.....	89.0	Feb. 26.....	89.4		
Oct. 28.....	86.9	May 1.....	91.5		
Dec. 30.....	87.0	June 3.....	93.4		
		Sept. 9.....	97.2		
		Oct. 8.....	96.3		

Measurements from Riverside Cement Company.

D-984d-I-26, OCCIDENTAL LIFE INSURANCE COMPANY (FORMERLY RIVINO ORCHARDS). MAP 7

Location and description—0.29 miles north of El Rivino Drive, 30 feet west of Cactus Avenue, south-east of Bloomington.

Reference point—Round hole in base, 0.3 feet above ground.

Elevation of reference point—946.4, from levels by Davidson and Fulmor.

Use—Irrigation.

Diameter of casing—16 inches.

Other numbers used—Riverside Cement Co. No. 111; Location No. 17916.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1928—		1929—	
Aug. 28.....	99.6	Jan. 29.....	96.9	Jan. 27.....	100.2
Oct. 30.....	99.3	Mar. 25.....	96.3	Mar. 11.....	99.5
Dec. 26.....	97.5	May 27.....	98.2	April 29.....	100.0
		Aug. 19.....	100.2	July 7.....	103.0
		Oct. 28.....	101.0	Aug. 9.....	109.2
		Dec. 30.....	100.4		

Measurements from Riverside Cement Company.

D-984f-I-26, SERVICE GRAVEL COMPANY. MAP 7

Location and description—20 feet south of Wilson Street (produced west), 50 feet east of Canal Street, south of Riverside Cement Co. plant, southwest of Colton.

Reference point—Top edge of board which supports base, 0.1 feet below ground.

Elevation of reference point—862.1, from levels by Davidson and Fulmor.

Use—Abandoned.

Depth of well—80 feet.

Diameter of casing—6 inches.

Other numbers used—Riverside Cement Co. No. 61; Location No. 17917A.*

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1930—	
Aug. 29.....	58.2	Jan. 28.....	57.8	Jan. 29.....	58.5
Nov. 28.....	57.5	Feb. 11.....	57.7	Mar. 29.....	58.6
Dec. 26.....	57.3	April 29.....	57.9	June 3.....	58.8
		June 20.....	59.0	Aug. 7.....	59.1
1928—		July 10.....	58.7	Oct. 8.....	58.7
Mar. 26.....	57.3	Sept. 11.....	59.0	Dec. 9.....	58.1
June 25.....	57.6	Nov. 11.....	58.6		
Sept. 27.....	58.1			1931—	
Nov. 24.....	58.4			Jan. 7.....	57.9
				Mar. 9.....	57.8
				May 4.....	58.0
				June 9.....	Destroyed

Measurements from Riverside Cement Company.

D-985c-I-26, RIVINO WATER COMPANY. MAP 7

Location and description—100 feet east of Canal Street, 800 feet northeast of Hall Avenue and Canal Street intersection, east of Riverside Cement Co. plant, southwest of Colton.

Reference point—Top of casing, 3.2 feet below concrete floor.

Elevation of reference point—895.9, from levels by Davidson and Fulmor.

Use—Irrigation.

Depth of well—251 feet.

Diameter of casing—16 inches.

Other numbers used—Riverside Cement Co. No. 52; Location No. 17927A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
June 16.....	69.1	Jan. 29.....	68.5	Jan. 7.....	69.1
Sept. 22.....	70.8	Mar. 29.....	67.7	Mar. 9.....	67.9
Nov. 11.....	70.7	May 1.....	68.4	May 4.....	68.5
		July 5.....	70.1	Aug. 6.....	72.0
		Aug. 7.....	71.1	Nov. 16.....	72.1
		Sept. 9.....	70.5	Dec. 18.....	70.2
		Oct. 8.....	71.0		
		Nov. 7.....	71.2		

* Idle four hours.

Measurements from Riverside Cement Company.

D-985d-1-26, RIVERSIDE WATER COMPANY—JURUPA NO. 1. MAP 7

Log Available

Location and description—1450 feet east of Brown Avenue, 40 feet north of Wilson Street extended, southwest of Colton. South well of group.

Reference point—Top of concrete curb, 1 foot above ground.

Elevation of reference point—825.8, from levels by Davidson and Fulmor.

Use—Irrigation.

Depth of well—140 feet.

Diameter of casing—12 inches.

Other numbers used—Riverside Cement Co. No. 155; Location No. 17927B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1928—Cont.		1929—	
Aug. 8.....	7.2	May 11.....	4.8	Feb. 4.....	4.6
Nov. 25.....	4.7	July 6.....	7.2	Mar. 4.....	4.8
		Aug. 10.....	7.6	April 9.....	4.4
1928—		Nov. 5.....	6.8		
Jan. 25.....	4.0	Dec. 4.....	4.9		
Mar. 6.....	4.1				

Measurements from Riverside Cement Company.

D-986-1-26, RANCHO TERRACINO. MAP 8

Location and description—750 feet south of County Line, 200 feet west of County Line produced south and 0.6 miles east of Canal Street, West Riverside.

Reference point—Top of 10" x 10" hanger bar (horizontal), north side, east of frame, 1 foot above ground, to and including October 10, 1921; then, bottom of pump base, at ground.

Elevation of reference point—877.5, to and including October 10, 1921; then, 876.5; from levels by D. W. R.

Use—Irrigation.

Depth of well—245 feet.

Other numbers used—Gage Canal Co. No. R-22; Riverside Cement Co. No. 60; Location No. 17928.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1928—Cont.		1930—	
Feb. 17.....	^a 59.2	May 27.....	58.8	Jan. 29.....	59.0
Mar. 24.....	^a 59.6	June 25.....	59.4	Feb. 25.....	58.8
May 26.....	^a 59.9	Sept. 30.....	60.2	Mar. 29.....	58.6
Oct. 10.....	^a 60.0	Oct. 28.....	59.4	May 1.....	^b 59.5
		Nov. 25.....	58.6		
1927—		1929—		1931—	
Aug. 29.....	59.5	Jan. 27.....	58.7	Feb. 6.....	58.8
Sept. 26.....	59.2	Feb. 3.....	58.6	Mar. 9.....	58.8
Oct. 31.....	58.7	Mar. 26.....	58.5	May 4.....	59.3
Nov. 28.....	58.1	June 16.....	60.3		
Dec. 26.....	57.8	July 7.....	60.8		
1928—		Sept. 21.....	61.0		
Jan. 30.....	57.7	Nov. 11.....	60.7		
Mar. 26.....	58.0				
April 29.....	59.2				

^a Measurement from Gage Canal Company.

^b Reference point destroyed. New reference point approximately the same.
Measurements from Riverside Cement Company except as noted.

D-1001b-G-21, CUCAMONGA WATER COMPANY, PLANT NO. 6. MAP 6

Location and description—0 11 miles south of Base Line Avenue, 195 feet west of Cornelian Avenue, east of Upland.

Reference point— $\frac{1}{4}$ -inch coupling on top of air line, 0.2 feet above steel I beams, to and including January 21, 1931; then, top of I beams, at ground.

Elevation of reference point—1420.5, to and including January 21, 1931; then, 1420.3; from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—365 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 4587J.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1925—		1929—	
Jan. 4.....	74.5	Jan. 5.....	127.1	June 28.....	*203.6
Feb. 9.....	70.3	Mar. 18.....	136.3	Oct. 30.....	*260.2
April 1.....	67.8	Nov. 10.....	171.6	Nov. 9.....	235.1
June 1.....	88.0	Dec. 30.....	161.0	Dec. 24.....	*257.0
July 11.....	*104.0				
Sept. 1.....	*115.0	1926—		1930—	
Dec. 1.....	*127.0	Jan. 24.....	*195.9	Jan. 8.....	229.2
1922—		June 3.....	*166.5	Feb. 26.....	185.5
Jan. 4.....	96.0	Sept. 7.....	*202.9	Mar. 19.....	180.8
Feb. 3.....	87.0	Dec. 15.....	157.8	May 14.....	169.3
May 8.....	65.4	1927—		July 9.....	205.3
June 30.....	*88.5	April 5.....	127.2	Sept. 3.....	243.7
Aug. 3.....	*92.4	June 8.....	128.4	Dec. 3.....	216.0
Oct. 3.....	*112.0	July 28.....	166.8	1931—	
Dec. 12.....	78.9	Aug. 24.....	179.0	Jan. 7.....	207.3
1923—		Sept. 23.....	180.2	Feb. 5.....	192.0
Mar. 1.....	57.2	Nov. 8.....	148.3	April 1.....	203.3
April 30.....	60.7	1928—		May 6.....	195.0
June 28.....	*100.3	Mar. 26.....	119.0	June 10.....	226.2
Aug. 9.....	92.3	April 23.....	119.0	July 8.....	250.6
Oct. 9.....	*137.1	July 11.....	155.4	Sep. 2.....	282.4
Nov. 14.....	*141.2	Aug. 15.....	165.4	Oct. 14.....	300.6
1924—		Sept. 26.....	*203.6	Oct. 21.....	273.3
Feb. 5.....	*141.1	Dec. 12.....	*193.8	Nov. 18.....	275.9
April 9.....	107.2			Dec. 23.....	231.3
June 6.....	*138.9			1932—	
Sept. 26.....	*161.2			Jan. 13.....	222.3
Nov. 8.....	*175.1				
Dec. 9.....	*158.8				

* Pumping.

Measurements from Cucamonga Conservation Association.

D-1001g-G-21, CUCAMONGA WATER COMPANY, PLANT NO. 7. MAP 6

Log Available

Location and description—370 feet east of Cornelian Avenue, 0.55 miles north of Foothill Boulevard, east of Upland.

Reference point—Top of $\frac{3}{8}$ -inch coupling at edge of pump base at floor, to and including June 4, 1930; then, top of $\frac{1}{2}$ -inch air line, 0.4 feet above floor, to and including October 15, 1930, then, top of air line, 0.1 feet above floor.

Elevation of reference point—1360.5, to and including June 4, 1930, then, 1360.9, to and including October 15, 1930, then, 1360.6, from levels by J. R. Shoemaker.

Use—Irrigation and domestic.

Depth of well—387 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 4588B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1926—		1930—	
Feb. 24.....	51.8	Jan. 24.....	*100.4	Jan. 8.....	146.8
Mar. 22.....	46.4	Feb. 25.....	93.6	Mar. 19.....	124.6
April 4.....	44.2	June 3.....	*189.0	June 4.....	117.2
May 4.....	58.5			Sept. 3.....	145.3
1923—		1927—		Oct. 22.....	158.2
Aug. 21.....	*152.4	Jan. 11.....	95.1	Dec. 3.....	153.0
1924—		Mar. 10.....	81.6		
Mar. 25.....	63.8	May 10.....	68.1	1931—	
April 9.....	62.7	Sept. 7.....	86.5	Jan. 7.....	146.4
June 9.....	93.5	Nov. 8.....	90.6	Mar. 11.....	132.4
Aug. 11.....	*123.0			April 22.....	150.2
Oct. 16.....	*192.5	1928—		June 17.....	147.7
Dec. 9.....	73.3	Mar. 16.....	63.6	Sept. 2.....	185.5
1925—		April 11.....	62.7	Oct. 28.....	185.5
Jan. 5.....	66.6	May 15.....	67.0	Dec. 16.....	169.2
April 7.....	73.0	July 11.....	94.3		
Aug. 27.....	*212.7	Oct. 31.....	113.4	1932—	
Nov. 10.....	*100.5	Dec. 19.....	109.1	Jan. 13.....	160.5
Dec. 5.....	*94.8	1929—			
		Jan. 2.....	105.5		
		Mar. 28.....	94.5		
		April 17.....	89.9		
		Sept. 18.....	134.5		

* Pumping.

Measurements from Cucamonga Conservation Association.

D-1001h-G-21, JOHN KLUSMAN. MAP 6

Location and description—320 feet west of Vineyard Avenue, 458 feet north of Foothill Boulevard, east of Upland.

Reference point—Top of $\frac{3}{8}$ -inch tee on pressure line to Kimball gage, 0.5 feet above ground.

Elevation of reference point—1250.9, from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—310 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 4589.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1929—		1931—	
Aug. 3.....	181.0	Jan. 2.....	206.8	Feb. 4.....	220.7
1925—		Feb. 6.....	207.3	Mar. 4.....	220.2
May 19.....	214.1	April 3.....	209.0	May 6.....	219.7
1927—		May 1.....	209.6	June 3.....	220.0
Feb. 7.....	207.7	July 3.....	209.1	Aug. 5.....	221.1
Mar. 10.....	207.7	Sept. 4.....	209.7	Oct. 21.....	222.7
April 5.....	205.9	Nov. 6.....	210.2	Nov. 25.....	223.2
June 2.....	203.7			Dec. 30.....	223.8
1928—		1930—		1932—	
Jan. 4.....	198.8	Jan. 2.....	211.5	Jan. 13.....	224.0
Feb. 15.....	197.4	April 2.....	212.8		
April 11.....	199.2	June 4.....	212.3		
June 6.....	200.2	Aug. 6.....	212.1		
Sept. 5.....	201.6	Oct. 1.....	221.5		
Oct. 3.....	209.7	Dec. 10.....	221.8		
Nov. 7.....	207.1				

Measurements from Cucamonga Conservation Association.

D-1001i-G-21, CUCAMONGA WATER COMPANY, NO. 11. MAP 6

Log Available

Location and description—3200 feet west of Cornelian Avenue, 1615 feet south of Base Line Avenue (16th Street), east of Upland

Reference point—Top of casing, 2 feet above ground, to and including May 7, 1930, then, at ground, to and including July 23, 1930, then, top of coupling on air line, 0.13 feet above I beams and 0.2 feet above ground

Elevation of reference point—1397.9, to and including May 7, 1930, then, 1395.9, to and including July 23, 1930, then, 1396.1; from levels by owner.

Use—Irrigation.

Depth of well—820 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 4578A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Nov. 10.....	199.6	Jan. 15.....	*185.6	Jan. 7.....	184.2
Dec. 4.....	199.5	Mar. 12.....	157.9	Mar. 4.....	163.4
		May 21.....	144.0	April 29.....	177.0
		July 2.....	161.3	June 3.....	192.1
		Dec. 3.....	202.3	Oct. 21.....	247.5
				Dec. 2.....	226.8
				1932—	
				Jan. 13.....	200.5

* Reference point—7 feet above ground for this measurement only.
Measurements from Cucamonga Conservation Association.

D-1002-G-21, G. A. HANSON, NO. 2. MAP 6

Log Available

Location and description—440 feet east of Grove Avenue, 20 feet south of 11th Street, east of Upland

Reference point—Top of 1-inch boards over well casing, 3 feet above ground.

Elevation of reference point—1269.0, from levels by J. R. Shoemaker.

Use—Not used.

Depth of well—916 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 4579A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—Cont.		1930—Cont.	
May 10.....	153.4	June 5.....	197.0	Oct. 29.....	244.8
		Aug. 7.....	213.1	Nov. 12.....	246.2
1928—		Sept. 4.....	229.5	Dec. 10.....	236.4
Jan. 4.....	174.5	Oct. 2.....	212.8		
Mar. 7.....	168.3	Nov. 6.....	222.3	1931—	
April 4.....	165.9	Dec. 4.....	213.7	Feb. 11.....	229.1
June 6.....	185.8			Mar. 4.....	227.0
Aug. 1.....	197.3	1930—		April 1.....	224.6
Oct. 3.....	210.9	Feb. 5.....	209.1	May 6.....	228.0
Dec. 5.....	205.1	April 2.....	204.2	June 3.....	225.4
		May 7.....	201.3	Aug. 26.....	251.6
1929—		June 4.....	206.8	Oct. 14.....	260.8
Feb. 6.....	197.0	July 2.....	228.3	Nov. 18.....	264.3
Mar. 6.....	194.2	Aug. 6.....	233.7	Dec. 23.....	260.2
May 1.....	188.9	Sept. 17.....	238.7	1932—	
				Jan. 13.....	257.2

Measurements from Cucamonga Conservation Association.

D-1002b-G-21, ARROW ROUTE WATER COMPANY. MAP 6

Log Available

Location and description—650 feet west of Vineyard Avenue and 106 feet south of Arrow Highway, east of Ontario.

Reference point—Top of $\frac{3}{4}$ -inch pipe by base of pump, 0.5 feet above top of pump base and ground.

Elevation of reference point—1164.3, from levels by Henry Garrett.

Use—Irrigation.

Depth of well—745 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17680.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1932—	
Mar. 23.....	384.5	Mar. 8.....	383.6	Feb. 24.....	380.0
April 23.....	385.2				
June 1.....	385.3	1931—			
Dec. 27.....	383.6	Jan. 15.....	394.1		
		Mar. 12.....	394.3		

^a Sound of water flowing in well.

^b Measurement from owner.

Measurements from Cucamonga Conservation Association except as noted.

D-1005a-H-21, PEACH PARK WATER COMPANY. MAP 6

Location and description—575 feet south of Riverside Boulevard, 50 feet east of Baker Avenue, east of Ontario.

Reference point—Edge of air line hole, 0.4 feet above ground.

Elevation of reference point—906.2, from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—357 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17685B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
May 15.....	172.4	Jan. 16.....	175.1		
Aug. 7.....	175.2	Mar. 12.....	174.9		

Measurements from J. R. Shoemaker.

D-1007b-H-22, ASTON WALLINE. MAP 6

Location and description—725 feet south of Riverside Boulevard, 700 feet west of Archibald Avenue, 10 feet east of east bank of wash, southeast of Ontario.

Reference point—Bottom edge of pump base at steel I beams, 0.5 feet above ground.

Elevation of reference point—870.8, from levels by D. W. R.

Use—Irrigation and domestic.

Depth of well—300 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17705.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 15.....	130.2	Jan. 16.....	132.4	Feb. 11.....	134.6
		May 15.....	132.9		
		Sept. 25.....	134.8		
		Dec. 18.....	134.6		

Measurements from J. R. Shoemaker.

D-1008-H-22, MARY CAMPANELLO. MAP 6

Location and description—0.45 miles north of U. P. R. R., 900 feet east of Hellman Avenue extended, east of Ontario.

Reference point—Edge of hole in pump base, north side, 0.3 feet below ground.

Elevation of reference point—914.1, from levels by D. W. R.

Use—Irrigation.

Depth of well—200 feet.

Diameter of casing—10 inches.

Other numbers used—Location No. 17704

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 16.....	169.9	Jan. 16.....	172.1	Feb. 11.....	174.5
Aug. 9.....	172.1	Mar. 12.....	172.0		
		July 11.....	172.9		
		Aug. 15.....	173.5		
		Sept. 25.....	174.2		

Measurements from J. R. Shoemaker.

D-1012b-G-22, OLD SETTLER'S WATER COMPANY, NO. 2. MAP 6

Log Available

Location and description—1300 feet north of Church Street, 680 feet west of Archibald Avenue, east of Upland.

Reference point—Bottom edge of pump base and concrete floor, 0.5 feet above ground, to and including November 12, 1930, then, top edge of pit at floor, 0.5 feet above ground.

Elevation of reference point—1322.0, from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—450 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 18508A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1923—		1931—	
Mar. 21.....	71.9	April 25.....	140.1	Jan. 14.....	196.0
April 19.....	69.1	May 3.....	141.5	Feb. 11.....	192.9
				Mar. 18.....	189.9
1923—		1929—		April 8.....	188.9
Mar. 1.....	44.0	Mar. 20.....	160.4	May 13.....	189.7
April 19.....	67.6	Sept. 11.....	178.4	July 1.....	213.4
		Nov. 27.....	193.6	July 29.....	227.6
1924—		Dec. 18.....	183.5	Nov. 18.....	215.0
April 22.....	76.7			Dec. 16.....	201.4
		1930—		1932—	
1926—		Jan. 2.....	187.3	Jan. 13.....	197.1
July 27.....	99.5	Feb. 5.....	179.0		
May 8.....	97.5	Mar. 26.....	175.8		
		May 28.....	174.9		
1927—		Oct. 1.....	227.9		
Feb. 7.....	116.1	Nov. 12.....	225.5		
Mar. 10.....	112.6	Dec. 24.....	198.4		
April 6.....	111.0				
May 10.....	126.4				

^a Drilling well deeper. Water level same when second stratum of gravel reached.
Measurements from Cucamonga Conservation Association.

D-1014-G-22, MR. THOMAS. MAP 6

Location and description—0.23 miles west of Haven Avenue, 30 feet south of Foothill Boulevard, east of Upland.

Reference point—Top of pump base, at ground.

Elevation of reference point—1203.6, from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—710.5 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 18519.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
April 4.....	386.5	Feb. 5.....	388.2	Jan. 15.....	394.9
June 1.....	386.9	May 23.....	389.0	Mar. 12.....	395.0
July 2.....	387.2			May 15.....	395.0
Dec. 27.....	388.2	1930—			
		May 22.....	392.9		
		Aug. 7.....	393.4		

Measurements from Cucamonga Conservation Association.

D-1016-H-22, MR. SIGNORIO. MAP 6

Location and description—675 feet south of Fourth Street (San Bernardino Avenue), 0.24 miles east of Archibald Avenue, north of Guasti.

Reference point—Bottom of pump base at concrete floor and ground.

Elevation of reference point—1016.0, from levels by Henry Garrett.

Use—Irrigation and domestic.

Depth of well—503 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17712.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Mar. 29.....	246.9	Feb. 5.....	248.5	Jan. 15.....	253.8
April 23.....	246.7	Mar. 8.....	248.7	Mar. 12.....	254.0
June 30.....	247.7			May 15.....	254.6
Dec. 27.....	248.4	1930—		July 11.....	256.6
		May 23.....	251.8		
		Aug. 7.....	252.9	1932—	
				Feb. 5.....	256.5

Measurements from Cucamonga Conservation Association.

D-1016a-H-22, ITALIAN VINEYARD COMPANY. MAP 6

Location and description—500 feet north on S. P. R. R., 0.21 miles east of Archibald Avenue, Guasti. Under water tank at winery.

Reference point—Edge of hole in pump base plate 0.05 feet above pump house floor and ground.

Elevation of reference point—950, from Met. W. D. topog. by J. R. Shoemaker.

Use—Domestic and irrigation.

Other numbers used—Location No. 17713A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
May 22.....	208.9	Jan. 15.....	^a 210.9	Feb. 5.....	213.3
		May 15.....	211.3		
		Aug. 9.....	^b 216.0		

^a Pumped recently.

^b Measurement from owner.

Measurements from J. R. Shoemaker except as noted.

D-1022-G-22, VAN FLEET & JOHNS. MAP 6

Location and description—0.20 miles north of Sixth Street, 0.13 miles east of Haven Avenue, east of Ontario.

Reference point—Bottom of base plate at steel I beams at ground.

Elevation of reference point—1077.8, from levels by D. W. R.

Use—Irrigation.

Depth of well—803 feet.

Diameter of casing—16 inches.

Other numbers used—State Div. E. and I. No. 47A, Cucamonga Quad.; Location No. 17721.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927— Dec. 31.....	*289.7	1931— Jan. 15.....	304.1	1931—Cont. Oct. 22.....	306.5
1930— May 22.....	302.5	Mar. 12.....	306.7	Dec. 18.....	305.6
		May 15.....	304.8	1932— Feb. 6.....	305.8
		Sept. 25.....	306.5		

* Measurement from Division of Water Resources.

Measurements from J. R. Shoemaker except as noted.

D-1024-G-22, MISSION VINEYARD COMPANY. MAP 6

Location and description—30 feet south of Base Line Avenue, 0.86 miles west of Orange Street and 0.94 miles east of Haven Avenue, northwest of Etiwanda.

Reference point—Air gage 1 foot above top of steel I beams and ground.

Elevation of reference point—1331.3, from levels by Henry Garrett.

Use—Irrigation.

Depth of well—964 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 18547A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1932— Feb. 5.....	483.7				

Measurement from J. R. Shoemaker.

D-1025-G-23, J. B. LAFOURCADE. MAP 6

Log Available

Location and description—30 feet south of Base Line Avenue, 0.28 miles west of Orange Avenue and 1.5 miles east of Haven Avenue, northwest of Etiwanda.

Reference point—Top of casing, at ground.

Elevation of reference point—1330.1, from levels by Henry Garrett.

Use—Irrigation.

Depth of well—634 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 18547.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1932— Feb. 5.....	431.8				

Measurement from J. R. Shoemaker.

D-1029-H-23, MRS. M. L. SPARDLEY. MAP 6

Location and description—500 feet east of Wineville Avenue, 845 feet south of S. P. R. R., 270 feet south of road, southeast of Etiwanda.

Reference point—Top of casing, 1.4 feet above ground.

Elevation of reference point—975.2, from levels by D. W. R.

Use—Domestic.

Diameter of casing—7 inches.

Other numbers used—Location No. 17763.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Aug. 7.	212.8	1931— Mar. 27. May 15. Sept. 24. Dec. 18.	214.3 214.4 215.3 215.8	1932— Feb. 3.	217.1

Measurements from Chino Basin Protective Association.

D-1030-H-23, TONY MONTELLARD. MAP 6

Location and description—400 feet east of Adams Avenue extended, 0.25 miles north of south line of San Bernardino County, southeast of Guasti.

Reference point—Top of casing, 0.7 feet above ground, to and including May 15, 1931; then, top of boards over casing, 0.8 feet above ground.

Elevation of reference point—862.5, to and including May 15, 1931, then, 862.6, from levels by D. W. R.

Use—Irrigation and domestic.

Diameter of casing—10 inches.

Other numbers used—Location No. 17746.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 29. Aug. 7.	159.4 161.4	1931— Mar. 13. May 15. July 11. Sept. 25. Oct. 22. Dec. 19.	160.7 161.1 161.9 162.8 162.7 162.6	1932— Feb. 4.	162.2

Measurements from J. R. Shoemaker.

D-1031-H-23, MRS. DIXON. MAP 6

Location and description—60 feet west of Etiwanda Avenue, 1.3 miles south of S. P. R. R., 0.36 miles north of Marlay Avenue, south of Etiwanda.

Reference point—Bottom edge of pump base, west side, 0.5 feet above ground.

Elevation of reference point—902.0, from levels by D. W. R.

Use—Irrigation.

Other numbers used—Location No. 17775A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— June 6.	145.0	1931— Feb. 5. Mar. 13. May 15. Aug. 15. Sept. 24. Oct. 22. Dec. 18.	146.0 145.8 146.6 149.7 149.0 149.8 147.9	1932— Feb. 3.	147.7

Measurements from J. R. Shoemaker.

D-1033-H-23, SPENCE JOHNSON. MAP 6

Log Available

Location and description—580 feet south of San Bernardino Avenue, 0.36 miles west of Etiwanda Avenue, south of Etiwanda.

Reference point—Top of 6" x 6" timber over casing, 0.6 feet above top of casing, at ground, to and including December 18, 1931; then, top of 10-inch concrete pipe, 6.0 feet above top of casing and ground.

Elevation of reference point—1043.6, to and including December 18, 1931; then, 1049, from Met. W. D. topog. by J. R. Shoemaker.

Use—Not used.

Depth of well—1311.5 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17772.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
June 7.....	262.1	Feb. 5.....	263.7	Feb. 3.....	271.8
Aug. 7.....	263.2	Mar. 13.....	263.7		
		May 15.....	264.1		
		July 11.....	265.1		
		Sept. 24.....	265.8		
		Oct. 22.....	266.1		
		Dec. 18.....	265.9		

Measurements from Chino Basin Protective Association.

D-1037-G-23, ETIWANDA WATER COMPANY. MAP 6

Location and description—90 feet north of Foothill Boulevard, 150 feet west of East Avenue, north of Etiwanda.

Reference point—Bottom edge of pump base at floor, 0.6 feet above ground.

Elevation of reference point—1194.6, from Met. W. D. topog. by J. R. Shoemaker.

Use—Irrigation and domestic.

Depth of well—810 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 18589.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
June 7.....	391.6	Mar. 13.....	393.1	Feb. 3.....	420.5
		May 15.....	393.5		
		July 11.....	436.0		
		Aug. 15.....	436.0		
		Sept. 24.....	434.0		
		Oct. 22.....	421.0		
		Dec. 18.....	421.0		

Measurements from Chino Basin Protective Association.

D-1039-G-23, A. CUCCIA. MAP 6

Location and description—145 feet east of Etiwanda Avenue, 550 feet south of A. T. & S. F. Ry. Etiwanda.

Reference point—Bottom edge of pump base, 0.2 feet above ground.

Elevation of reference point—1116, from Met. W. D. topog. by J. R. Shoemaker.

Use—Domestic.

Depth of well—380 feet.

Other numbers used—Location No. 17770.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
June 7.....	323.9	Feb. 5.....	325.8		
Aug. 7.....	324.3	May 15.....	326.2		
		July 11.....	326.7		
		Aug. 15.....	327.0		

Measurements from Chino Basin Protective Association.

D-1041-II-23, A. FILIPPI. MAP 6

Location and description—60 feet east of Etiwanda Avenue, 0.5 miles south of S. P. R. R., south of Etiwanda.

Reference point—Bottom edge of pump base, west side, 0.9 feet above ground.

Elevation of reference point—950.3, from levels by D. W. R.

Use—Irrigation.

Depth of well—364 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17774.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— June 6.....	a203.6	1931— Mar. 13.....	185.3	1932— Feb. 3.....	187.4

^a Pumping.

Measurements from J. R. Shoemaker.

D-1043-II-24, P. H. MARLAY. MAP 6

Location and description—75 feet south of Marlay Avenue, 300 feet east of Mulberry Avenue, south-east of Etiwanda.

Reference point—Bottom edge of clamp holding air and oil lines, about 0.6 feet above ground.

Elevation of reference point—882.9, from levels by D. W. R.

Use—Irrigation.

Depth of well—250 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 17795A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Aug. 15.....	113.7	1931— Feb. 5..... Mar. 27..... May 15..... July 11..... Sept. 24..... Oct. 22..... Dec. 18.....	113.3 114.4 113.9 114.7 115.3 115.4 115.3	1932— Feb. 2.....	115.2

Measurements from J. R. Shoemaker.

D-1043b-H-24, BUDINACH & DOBOVICIII. MAP 6

Location and description—75 feet south of Jurupa Avenue, 0.26 miles west of Cherry Avenue, south-east of Etiwanda.

Reference point—Top of tee on air line, 1.2 feet above ground.

Elevation of reference point—938.2, from levels by D. W. R.

Use—Irrigation.

Depth of well—485 feet.

Other numbers used—Location No. 17805A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Aug. 15.....	173.1	1931— Feb. 5.....	172.6	1932— Feb. 3.....	172.6

Measurements from Chino Basin Protective Association.

D-1044-H-24, FONTANA UNION WATER COMPANY, F. U. NO. 29. MAP 6

Log Available

Location and description—20 feet south of Santa Ana Avenue, 25 feet west of Banana Avenue, south-east of Etiwanda.

Reference point—Top of steel cover over casing, 2.5 feet above ground.

Elevation of reference point—959.0, from levels by D. W. R.

Use—Not used.

Depth of well—665 feet.

Diameter of casing—20 inches.

Other numbers used—State Div. E. and I. No. 5, San Bernardino Quad.; Orchard Mutual No. 2; Saunders No. 161; Location No. 17804.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912— July 20.....	178	1919— April 3.....	172.2	1928— Jan. 3.....	^b 168.7
1913— April 16.....	174.5	1922— July 15.....	168.3	1931— Mar. 30.....	175.0
Nov. 18.....	176			April 18.....	^c 176.8
1916— April 3.....	179.3	1924— April 15.....	163.7	July 11.....	^c 177.6
		1927— Dec. 21.....	^a 168.8	Sept. 24.....	^c 178.5
1917— Mar. 29.....	176.4			Dec. 18.....	^c 178.9
1918— April 12.....	173.9			1932— Feb. 3.....	^c 179.0

^a Measurement from Saunders.

^b Measurement from Chase.

^c Measurement from J. R. Shoemaker.

Measurements from Fontana Union Water Company except as noted.

D-1050-G-24, FONTANA UNION WATER COMPANY, F. U. NO. 17. MAP 6

Log Available

Location and description—75 feet east of Cherry Avenue, 110 feet south of A. T. & S. F. Ry., 500 feet north of Merrill Avenue, east of Etiwanda.

Reference point—Gage, 0.7 feet above floor and ground, to and including March 30, 1931; then, bottom edge of pump base plate at steel I beams at ground.

Elevation of reference point—1165.7, to and including March 30, 1931; then, 1165.0; from levels by Fontana Union Water Co.

Use—Irrigation.

Depth of well—845 feet.

Diameter of casing—20 inches.

Other numbers used—State Div. E. and I. No. 120, San Bernardino Quad.; Location No. 17810.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925— Oct. 25.....	351.0	1929— April 30.....	354.5	1931— Mar. 30.....	361.5
1927— Dec. 16.....	354.8	1930— Jan. 18.....	361.5	April 18.....	^a 362.3
		April 16.....	359.2	Oct. 22.....	^a 365.8
1928— April 2.....	354.5	Nov. 18.....	361.5	Dec. 18.....	^a 365.2
				1932— Feb. 3.....	^a 365.2

^a Measurement from J. R. Shoemaker.

Measurements from Fontana Union Water Company except as noted.

D-1050a-G-24, FONTANA UNION WATER COMPANY, F. U. NO. 30. MAP 7

Log Available

Location and description—75 feet west of Hemlock Avenue, 0.13 miles south of Foothill Boulevard, west of Fontana.

Reference point—Gage, at ground.

Elevation of reference point—1246.1, from levels by owner.

Use—Irrigation.

Depth of well—918 feet.

Diameter of casing—20 inches.

Other numbers used—Location No 18629

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
April 16.....	430 0	Mar. 30.....	432 9		
Nov. 18.....	432 9	April 16.....	430 0		
		Nov. 18.....	435 2		

Measurements from Fontana Union Water Company.

D-1052-H-24, FONTANA UNION WATER COMPANY, F. U. NO. 20. MAP 6

Log Available

Location and description—56 feet south of San Bernardino Avenue, 398 feet east of Cherry Avenue, southeast of Etiwanda.

Reference point—Air gage, 0.7 feet above floor, to and including March 30, 1931; then, bottom edge of pump base at steel I beams at floor and ground.

Elevation of reference point—1085.5, to and including March 30, 1931, then, 1084.8; from levels by owner.

Use—Irrigation.

Depth of well—712 feet.

Diameter of casing—20 inches.

Other numbers used—Location No 17812.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
April 30.....	256 8	Mar. 30.....	263 4	Feb. 3.....	*284 2
1930—		April 18.....	*281 5		
Jan. 18.....	259	Sept. 24.....	*284 3		
April 16.....	259	Oct. 22.....	*284 5		
Nov. 18.....	263 6	Dec. 18.....	*284 2		

* Measurement from J. R. Shoemaker.

Measurements from Fontana Union Water Company except as noted.

D-1053-H-24, FONTANA UNION WATER COMPANY, F. U. NO. 18. MAP 7

Log Available

Location and description—30 feet south of Slover Avenue, 40 feet west of Live Oak Avenue, west of Bloomington.

Reference point—Air line, gage 0.5 feet above ground, to and including March 30, 1931; then, bottom edge of pump base plate at ground and 0.2 feet below floor.

Elevation of reference point—1025.5, to and including March 30, 1931; then, 1024.8; from levels by owner.

Use—Irrigation.

Depth of well—731 feet.

Diameter of casing—16 inches.

Other numbers used—State Div. E. and I. No. 6, San Bernardino Quad.; Saunders No. 160; Location No. 17813.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912—		1922—		1929—	
July 20	232	July 22	212 0	April 30	241.0
Oct. 18	232				
1913—		1923—		1930—	
Sept. 5	231	July 27	b254 0	Jan. 18	245.3
1918—		1924—		April 16	244.1
April 12		Mar. 11	214.8	Nov. 18	247.6
1919—	216.8	1926—		1931—	
April 3		Sept. 15	245.2	Mar. 30	247.6
1920—	a216	1927—		April 18	d225.5
April 16		Feb. 15	245.3	Sept. 24	d228.2
	a216.5	June 27	c245.3	Oct. 22	d228.4
		Dec. 27	c240.6	Dec. 18	d228.2

a From bottom of pit.

b Measurement from Division of Water Resources.

c Measurement from Saunders.

d Measurement from J. R. Shoemaker.

Measurements from Fontana Union Water Company except as noted.

D-1053a-H-24, FONTANA FARMS COMPANY (FORMERLY FRANK VEZU). MAP 7

Location and description—5 feet north of Santa Ana Avenue, 20 feet east of Live Oak Avenue, west of Bloomington.

Reference point—Top of casing, at ground.

Elevation of reference point—994.0, from levels by Davidson and Fulmor.

Use—Not used.

Diameter of casing—10 inches.

Other numbers used—State Div. E. and I. No. 2, San Bernardino Quad., Riverside Cement Co. No. 114; Location No. 17824.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1914—		1918—		1928—	
Mar. 29	a128.1	April 12	a123.8	Jan. 3	187.3
1915—		1922—		Mar. 8	186.8
May 1	a127.7	Aug. 17	b142.3	May 5	187.5
1916—		1927—		July 5	189.2
April 3	a126.9	Aug. 12	188.4	Sept. 18	189.5
1917—		Oct. 7	187.9	Dec. 5	189.5
Mar. 29	a124.9	Dec. 7	187.4		
				1929—	
				Jan. 2	189.3
				Feb. 5	189.0
				Mar. 1	c189.0

a Measurement from Fontana Union Water Company.

b Measurement from Division of Water Resources.

c Blocked.

Measurements from Riverside Cement Company except as noted.

D-1054c-II-24, PAGLIUSO BROTHERS. MAP 7

Location and description—120 feet south of Jurupa Avenue, 195 feet east of Hemlock Avenue, southwest of Bloomington.

Reference point—2.5 feet above ground, to and including April 3, 1919; then, top of casing, 1.7 feet above ground, to and including February 11, 1926; then, split in casing, 0.3 feet above ground, to and including May 1, 1929; then, top of hole in casing on south side, 0.3 feet below ground.

Elevation of reference point—965.2, to and including April 3, 1919; then, 964.4, to and including February 11, 1926; then, 963.0, to and including May 1, 1929; then, 962.4; from levels by D. W. R.

Use—Domestic.

Depth of well—210 feet.

Diameter of casing—10 inches.

Other numbers used—State Div. E. and I. No. 3, San Bernardino Quad.; Riverside Cement Co. No. 113; Location No. 17825.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1914—		1922—		1929—	
Mar. 29.....	*170.1	Aug. 17.....	^b 175.1	Feb. 5.....	155.7
		Oct. 6.....	^b 155.2	April 3.....	155.7
1915—		1926—		1931—	
May 1.....	*169.7	Feb. 11.....	^b 155.3	May 22.....	*161.7
1916—		1927—		July 11.....	*162.3
April 3.....	*168.1	Sept. 9.....	155.3	Aug. 8.....	^c 163.3
1917—		Nov. 25.....	154.5	1932—	
Mar. 29.....	*165.7	Dec. 29.....	156.7	Feb. 3.....	*164.0
1918—		1928—			
April 12.....	*164.2	June 5.....	154.1		
		Aug. 1.....	155.3		
1919—		Nov. 3.....	156.3		
April 3.....	*160.4	Dec. 4.....	156.5		

^a Measurement from Fontana Union Water Company.

^b Measurement from Division of Water Resources.

^c Measurement from J. R. Shoemaker.

^d Pumped recently.

Measurements from Riverside Cement Company except as noted.

D-1055-H-24, L. J. LEIGH. MAP 7

Location and description—45 feet south of Jurupa Avenue, 150 feet west of Elm Avenue, southwest of Bloomington.

Reference point—Top of casing, 0.9 feet above ground.

Elevation of reference point—979.9, from levels by D. W. R.

Use—Not used.

Depth of well—475 feet.

Diameter of casing—14 inches.

Other numbers used—Riverside Cement Co. No. 159. Location No. 17835.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Mar. 21.....	168.2	Feb. 5.....	170.3	May 22.....	*176.3
June 5.....	168.6	April 3.....	170.3	July 11.....	*176.9
Aug. 1.....	169.9	June 19.....	170.3	Aug. 8.....	*177.3
Nov. 3.....	170.9	Aug. 8.....	172.1		
Dec. 4.....	170.8	Nov. 11.....	173.7	1932—	
				Feb. 2.....	*178.8

^a Measurement from J. R. Shoemaker.

Measurements from Riverside Cement Company except as noted.

D-1056-H-24, FONTANA UNION WATER COMPANY, F. U. NO. 5. MAP 7

Log Available

Location and description—30 feet south of Slover Avenue, 50 feet west of Poplar Avenue, southwest of Fontana.

Reference point—Top of 2-inch coupling in floor north of pump, at ground.

Elevation of reference point—1051.6, from levels by owner.

Use—Irrigation.

Depth of well—854 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17833.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912— July 20..... Nov. 18.....	250.7 252	1916— April 3.....	248.3	1918— April 12.....	242.6
1914— Mar. 29.....	251	1917— Mar. 29.....	245.6	1919— April 3.....	240.5
1915— May 1.....	250				

Measurements from Fontana Union Water Company.

D-1059-G-24, FONTANA UNION WATER COMPANY, F. U. NO. 16. MAP 7

Log Available

Location and description—20 feet east of Elm Avenue, 80 feet south of A. T. & S. F. Ry., west of Fontana

Reference point—Gage, 0.8 feet above floor, to and including March 24, 1931; then, bottom edge of pump base plate at 1 beams at ground.

Elevation of reference point—1210.5, to and including March 24, 1931; then, 1209.7; from levels by owner.

Use—Irrigation.

Depth of well—854 feet.

Diameter of casing—20 inches.

Other numbers used—State Div. E. and I. No. 119, San Bernardino Quad.; Location No. 17830.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925— Oct. 25.....	386	1929— April 30.....	390.0	1931— Mar. 24..... May 21..... Nov. 18.....	397.0 *396.9 401.6
1926— Sept. 15.....	395.8	1930— Jan. 18..... April 16..... Nov. 18.....	398.2 394.7 398.2		
1927— June 15.....	395.9				

* Measurement from J. R. Shoemaker.

Measurements from Fontana Union Water Company except as noted.

D-1061-G-25, FONTANA UNION WATER COMPANY, F. U. NO. 31. MAP 7

Log Available

Location and description—40 feet south of Base Line Avenue, 310 feet east of Citrus Avenue, west of Rialto.

Reference point—Center line of air gage, 1.4 feet above ground

Elevation of reference point—1397.2, from levels by owner

Use—Domestic and irrigation

Depth of well—761 feet

Diameter of casing—20 inches

Other numbers used—E. T. Ham No. 33; Location No. 18647

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—					
April 15	565 0				
June 15	561 0				
Sept. 24	*597 2				
Oct. 22	*565 0				
Dec. 18	*563 0				

* Measurement from J. R. Shoemaker.

Measurements from Fontana Union Water Company except as noted.

D-1062-G-25, FONTANA UNION WATER COMPANY, NEW F. U. NO. 11. MAP 7

Log Available

Location and description—100 feet south of A. T. & S. F. Ry., 40 feet east of Juniper Avenue, Fontana

Reference point—Center line of gage, 1.5 feet above ground

Elevation of reference point—1248.8, from levels by owner

Use—Domestic and irrigation

Depth of well—872 feet

Diameter of casing—20 inches

Other numbers used—E. T. Ham No. 29; Location No. 17850

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
April 16	420 5	Jan. 20	502 5	June 15	470 5
Nov. 18	422	Mar. 30	423 5	July 15	468 5
		April 15	470 5	Sept. 24	*473 9
		May 15	472 5	Oct. 23	*472 0
				Dec. 18	*428 5

* Measurement from J. R. Shoemaker.

Measurements from Fontana Union Water Company except as noted.

D-1062a-G-25, FONTANA UNION WATER COMPANY, F. U. NO. 21. MAP 7

Log Available

Location and description—100 feet south of A. T. & S. F. Ry., 75 feet west of Oleander Avenue, west of Fontana

Reference point—Center line of gage, 1.3 feet above ground

Elevation of reference point—1236.4, from levels by owner

Use—Domestic and irrigation

Depth of well—812 feet

Diameter of casing—20 inches

Other numbers used—Location No. 17840

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—			
Jan. 18	414	Mar. 30	417 2		
April 16	409 1	Nov. 18	424 1		
Nov. 18	419 5				

Measurements from Fontana Union Water Company.

D-1064-H-25, FONTANA UNION WATER COMPANY, F. U. NO. 7. MAP 7

Log Available

Location and description—40 feet east of Juniper Avenue, 690 feet south of Colton Avenue, south of Fontana.

Reference point—(a) Gage, 0.6 feet above floor and 0.9 feet above ground; (b) bottom edge of pump base plate, at floor, 0.3 feet above ground.

Elevation of reference point—(a) 1107.5; (b) 1106.9; from levels by owner.

Use—Irrigation.

Depth of well—761 feet

Diameter of casing—20 inches.

Other numbers used—E. T. Ham No. 28; Location No. 17853.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1931—	
July 15.....	^a 291.2	April 2.....	^a 282.2	Mar. 30.....	^a 291.5
Sept. 15.....	^a 298.4			April 18.....	^b 295.4
		1929—		July 15.....	^a 312.3
1927—		April 30.....	^a 286.8	Oct. 22.....	^b 296.4
June 15.....	^a 300.7	1930—		Dec. 18.....	^b 295.1
July 15.....	^a 301.4	Nov. 18.....	^a 293.8		

^a Reference point (a) used.

^b Reference point (b) used.

^c Pumping.

^d Measurement from J. R. Shoemaker.

Measurements from Fontana Union Water Company except as noted.

D-1064a-H-25, FONTANA UNION WATER COMPANY, F. U. NO. 15. MAP 7

Log Available

Location and description—30 feet south of San Bernardino Avenue, 0.13 miles west of Magnolia Avenue, south of Fontana.

Reference point—Center of gage, 0.7 feet above ground.

Elevation of reference point—1156.9; from levels by owner.

Use—Irrigation.

Depth of well—808 feet.

Diameter of casing—20 inches.

Other numbers used—State Div. E. and I. No. 117, San Bernardino Quad.; Location No. 17862.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1927—		1930—	
Aug. 25.....	316	June 15.....	339.6	April 16.....	332.6
1926—		1928—		1931—	
Nov. 15.....	341.9	April 2.....	328.0	Mar. 30.....	336.1
		1929—		April 18.....	^a 348.8
		Jan. 18.....	334.9	Nov. 18.....	341.9

^a Measurement from J. R. Shoemaker.

Measurements from Fontana Union Water Company except as noted.

D-1064h-11-25, FONTANA UNION WATER COMPANY, F. U. NO. 14. MAP 7

Log Available

Location and description—36 feet south of San Bernardino Avenue and 0.13 miles west of Oleander Avenue, southwest of Fontana.

Reference point—Gage, 1.1 feet above floor, to and including November 18, 1930; then, top of steel I beams at floor and ground.

Elevation of reference point—1142.5, to and including November 18, 1930; then, 1141.4, from levels by owner.

Use—Irrigation.

Depth of well—746 feet.

Diameter of casing—20 inches.

Other numbers used—State Div. 12, and I. No. 116, San Bernardino Quad.; Location No. 17842.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925— Aug. 25	308	1929— April 30	325.7	1931— Apr. 18	*327.7
1926— July 15	327.7	1930— Jan. 18	334.9	Sept. 24	*332.4
1927— June 15	330.3	April 16	328	Oct. 22	*332.1
1928— April 2	321.1	Nov. 18	334.9	Dec. 18	*330.9

^a Measurement from J. R. Shoemaker.

Measurements from Fontana Union Water Company except as noted.

D-1065-H-25, FONTANA UNION WATER COMPANY, F. U. NO. 6. MAP 7

Location and description—30 feet south of Santa Ana Avenue, 40 feet west of Cypress Avenue, southwest of Bloomington.

Reference point—(a) Top of concrete floor, at ground; (b) Top of casing, 2.3 feet below concrete floor and ground; (c) Top of 1-inch pipe through cap of casing, 0.38 feet below concrete floor and ground.

Elevation of reference point—(a) 1049.0. (b) 1046.7. (c) 1048.7, from levels by owner.

Use—Not used.

Depth of well—240 feet.

Diameter of casing—16 inches.

Other numbers used—State Div. 12, and I. No. 8, San Bernardino Quad., Riverside Cement Co. No. 112; Location No. 17854.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912— June 27	^a d240.3	1922— July 15	^a d225.8	1929— Jan. 2	^c 229.1
July 20	^a d240	1924— Oct. 6	^a d225.4	April 3	^c 228.6
Oct. 14	^a d240	1926— Feb. 11	^a e225.7	June 19	^a 230.1
1914— Mar. 29	^a d242	1927— Aug. 12	^c 226.9	Aug. 9	^a 231.6
1915— May 1	^a d240.6	Oct. 7	^c 226.8	Sept. 11	^a 230.3
1916— April 3	^a d239.8	Dec. 7	^c 226.5	Nov. 11	^a 232.8
1917— Mar. 29	^a d237.3	1928— Feb. 11	^c 226.2	1930— June 3	^a 232.4
1918— April 12	^a d233.9	April 10	^c 225.8	Oct. 8	^a 234.9
1919— April 3	^a d232	June 5	^c 226.7	1931— May 9	^a 234.7
April 24	^b e231.4	Aug. 1	^c 228.4	Aug. 26	^a *236.8
Oct. 15	^b e230.6	Nov. 3	^c 229.5	Dec. 19	^a *237.4

^a Reference point (a) used.

^b Reference point (b) used.

^c Reference point (c) used.

^d Measurement from Fontana Union Water Company.

^e Measurement from W. P. Rowe.

^f Measurement from Saunders.

Measurements from Riverside Cement Company except as noted.

D-1066-H-25, BENTON BALLOU. MAP 7

Location and description—33 feet south of Jurupa Avenue, 255 feet east of Oleander Avenue, south-west of Bloomington.

Reference point—Bottom edge of pump base plate, east side, 3.0 feet below ground.

Elevation of reference point—1020.5, from levels by D. W. R.

Use—Not used.

Depth of well—387 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 17855.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1932—			
May 22.....	206.0	Feb. 3.....	208.6		
July 11.....	206.4				
Aug. 8.....	206.6				

Measurements from J. R. Shoemaker.

D-1068-H-25, CITIZENS LAND & WATER COMPANY—SLOVER, NO. 2. MAP 7

Log Available

Location and description—60 feet south of Slover Avenue, 950 feet west of Alder Avenue, west of Bloomington.

Reference point—Top of pump floor, 2.0 feet above ground.

Elevation of reference point—1082.4, from levels by owner.

Use—Irrigation.

Depth of well—921 feet.

Diameter of casing—20 inches.

Other numbers used—E. T. Ham No. 7; Location No. 17873.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1931—Cont.	
Oct. 1.....	237	Jan. 25.....	232	Aug. 12.....	^a 263.2
Dec. 1.....	232	April 24.....	233	Sept. 8.....	^a 249.0
1927—		1931—		Oct. 9.....	^a 246.0
Jan. 4.....	232.8	May 7.....	^a 254.7	Nov. 14.....	^a 244.7
April 20.....	231	June 6.....	^a 248.5	Dec. 7.....	^a 245.2
Nov. 10.....	232				

^a Measurement from E. T. Ham.

Measurements from Citizens Land and Water Company except as noted.

D-1072-G-25, FONTANA UNION WATER COMPANY, NEW F. U. NO. 22. MAP 7

Log Available

Location and description—50 feet south of Base Line Avenue, 267 feet west of Alder Street; north-east of Fontana.

Reference point—Center line of gage, 0.7 feet above ground.

Elevation of reference point—1406.7, from levels by owner.

Use—Irrigation.

Depth of well—842 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 18677.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1927—		1930—	
Mar. 14.....	244.2	April 16.....	254.7	Jan. 18.....	316.1
April 18.....	223.3			April 16.....	302.3
1926—		1929—		Nov. 18.....	320.8
Feb. 16.....	254	April 30.....	286.1		
Oct. 15.....	300.2			1931—	
				Mar. 30.....	302.3
				Nov. 18.....	313.8

Measurements from Fontana Union Water Company.

D-1072b-G-25, FONTANA UNION WATER COMPANY, OLD F. U. NO. 22. MAP 7

Location and description—50 feet south of Base Line Avenue, 267 feet west of Alder Street, north-east of Fontana 10 feet from D-1072-G-25.

Reference point—Top of casing, at ground.

Elevation of reference point—1406.0, from levels by owner.

Use—Abandoned.

Other numbers used—Location No. 18677B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1914— Mar. 29.....	244 7	1917— Mar. 29.....	227 4	1924— Oct. 15.....	276
1915— May 1.....	243 3	1918— April 12.....	220 7	Nov. 15.....	281 8
1916— April 3.....	240 4	1919— April 3.....	226 3	Dec. 13.....	234 7
		Oct.	*234 6	1925— Jan. 15.....	227 4 Destroyed

* Measurement from F. C. Finkle.

Measurements from Fontana Union Water Company except as noted.

D-1075-G-25, FONTANA UNION WATER COMPANY, F. U. NO. 12. MAP 7

Log Available

Location and description—75 feet south of Randall Avenue, 400 feet west of Linden Avenue, north of Bloomington.

Reference point—Center of gage, 2.5 feet above ground.

Elevation of reference point—1180.8, from levels by owner.

Use—Irrigation.

Depth of well—734 feet.

Diameter of casing—16 inches.

Other numbers used—E. T. Ham No. 30; Location No. 17891.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926— July 15.....	*322	1928— April 2.....	321 1	1931— Mar. 30.....	325 7
Sept. 15.....	*318 8	1930— Jan. 18.....	323 3	June 30.....	341 8
1927— May 16.....	315 2	April 16.....	321 0	July 15.....	341 8
July 15.....	312 8	Nov. 18.....	325 6	Sept. 18.....	339 5
Sept. 15.....	314 1			Nov. 18.....	328

* Pumping.

Measurements from Fontana Union Water Company.

D-1075a-G-25, FONTANA UNION WATER COMPANY, F. U. NO. 28. MAP 7

Log Available

Location and description—45 feet south of Merrill Avenue, 265 feet west of Locust Avenue, east of Fontana.

Reference point—(a) Gage, 1.1 feet above ground; (b) Top edge of steel I beam under pump, at floor and ground.

Elevation of reference point—(a) 1228.4; (b) 1227.3; from levels by owner.

Use—Irrigation.

Depth of well—531 feet.

Diameter of casing—20 inches.

Other numbers used—E. T. Ham No. 32; Location No. 17880.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— April 30.....	*370	1931— Mar. 30.....	*374 5	1931—Cont. July 14.....	*437 0
1930— Jan. 18.....	*374 5	April 15.....	*418 4	Aug. 12.....	*439 2
April 16.....	*374 5	April 18.....	b ^d 377 3	Oct. 15.....	*430 0
Nov. 18.....	*378.5	May 15.....	*414 0	Nov. 17.....	*379 1
				Dec. 18.....	b ^d 374 4

* Reference point (a) used.

^b Reference point (b) used.

^c Pumping.

^d Measurement from J. R. Shoemaker.

Measurements from Fontana Union Water Company except as noted.

D-1077-H-25, WALLACE S. WOODWORTH. MAP 7

Location and description—0.33 miles south of Jurupa Avenue, 0.19 miles west of Locust Avenue, south of Bloomington. 4' x 4' dug pit.

Reference point—Base of rail 0.5 feet above ground.

Elevation of reference point—1029.5, from levels by Davidson and Fulmor.

Use—Not used.

Other numbers used—Riverside Cement Co. No. 142; Location No. 17885.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1928—		1929—	
Aug. 18.....	115.9	Jan. 3.....	113.3	Jan. 2.....	113.9
Oct. 6.....	114.9	Mar. 8.....	112.8	Feb. 1.....	113.8
Dec. 7.....	113.6	May 10.....	112.2	April 2.....	114.9
		July 5.....	113.0	May 3.....	113.1
		Sept. 18.....	115.9		
		Nov. 2.....	113.9		

Measurements from Riverside Cement Company.

D-1081-H-26, CITIZENS LAND & WATER COMPANY. MAP 7

Location and description—0.12 miles north of Colton Avenue and 203 feet west of Cedar Avenue, 307 feet south of West Grove Avenue, Bloomington.

Reference point—Top of casing under sheet iron cover, at ground, to and including January 11, 1929; then, top of $\frac{1}{2}$ " x $\frac{1}{4}$ " reducer, at ground.

Elevation of reference point—1105.7, from levels by Davidson and Fulmor.

Use—Not used.

Depth of well—620 feet.

Diameter of casing—14 inches.

Other numbers used—Riverside Cement Co. No. 153; Location No. 17902.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Oct. 7.....	236.8	Jan. 11.....	238.8	Mar. 9.....	244.3
Dec. 7.....	237.2	Mar. 1.....	238.7	June 9.....	244.8
1928—		May 1.....	238.1	Aug. 6.....	245.6
Jan. 31.....	237.2	July 10.....	239.4	Oct. 13.....	246.3
May 10.....	237.0	Sept. 11.....	240.5	Dec. 19.....	246.8
July 5.....	237.3	Nov. 11.....	241.3		
Sept. 18.....	238.0	1930—			
Nov. 3.....	238.5	Jan. 29.....	241.8		
		May 1.....	241.9		
		Aug. 7.....	243.1		
		Oct. 8.....	243.9		
		Dec. 10.....	244.4		

Measurements from Riverside Cement Company.

D-1088-H-26, CITIZENS LAND & WATER COMPANY, SLOVER No. 1. MAP 7

Location and description—50 feet north of Slover Avenue, 0.13 miles east of Cactus Avenue, east of Bloomington.

Reference point—Bottom edge of pump base plate, at ground.

Elevation of reference point—1037.6, from levels by D. W. R.

Use—Irrigation.

Depth of well—600 feet.

Diameter of casing—20 inches.

Other numbers used—E. T. Ham No. 6; State Div. E. and I. No. 192, San Bernardino Quad.; Location No. 17913.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1927—		1931—	
Dec. 1.....	171	Jan. 4.....	171	May 8.....	175.6
		Feb. 25.....	168.3	July 7.....	197.7
		Mar. 25.....	169	Aug. 12.....	198.2
		Oct. 22.....	169.2	Sept. 8.....	197.8
				Oct. 9.....	180.1
				Dec. 7.....	178.7

* Measurement from E. T. Ham.

Measurements from Citizens Land and Water Company except as noted.

D-1090-11-26, ERNEST E. MACK (FORMERLY SCOTT WHEELER). MAP 7

Location and description—300 feet east of Willow Avenue, 50 feet south of Jurupa Avenue extended, southeast of Bloomington.

Reference point—Top of casing, 2.0 feet above ground.

Elevation of reference point—967.6, from levels by Davidson and Fulmor.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—Riverside Cement Co. No. 130, Location No. 17925.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Aug. 13.....	107.4	Feb. 2.....	107.5	Jan. 7.....	112.8
Oct. 12.....	108.5	April 6.....	106.7	Mar. 9.....	111.6
Nov. 23.....	106.6	June 21.....	109.0	June 9.....	113.1
Dec. 7.....	108.3	Aug. 9.....	119.4	Sept. 15.....	115.6
		Oct. 17.....	111.6	Nov. 16.....	116.1
1928—		Nov. 25.....	111.8	Dec. 19.....	115.2
Jan. 25.....	105.0				
Mar. 9.....	104.2	1930—			
May 14.....	106.0	Jan. 29.....	111.1		
July 9.....	107.6	Mar. 29.....	110.0		
Sept. 18.....	109.0	June 3.....	110.2		
Nov. 8.....	109.0	Aug. 7.....	112.3		
Dec. 6.....	108.3	Oct. 7.....	113.5		
		Nov. 7.....	113.2		

Measurements from Riverside Cement Company.

D-1090b-11-26, ENNIS & WILLIAMSON DAIRY. MAP 7

Location and description—Between Willow and Riverside Avenues, 200 feet northwest of Agua Mansa Road, southwest of Colton.

Reference point—Top of 5' x 5' concrete pit at southwest side, 0.5 feet above ground.

Elevation of reference point—893.7, from levels by Davidson and Fulmor.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—Gage Canal Co. R-13; State Div. E. and I. No. 107, San Bernardino Quad.; Riverside Cement Co. No. 134; Location No. 17936A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1922—		1923—	
Feb. 21.....	*37.9	Spring.....	b37.0	Jan. 7.....	33.4
May 26.....	*38.8			Mar. 6.....	33.2
Oct. 8.....	*40.3	1927—		May 14.....	35.3
Nov. 3.....	*40.1	Aug. 13.....	36.9	July 3.....	36.6
		Oct. 10.....	b37.4	Aug. 7.....	Destroyed
		Dec. 9.....	34.9		

* Measurement from Gage Canal Company.

b Measurement from Division of Water Resources.

Measurements from Riverside Cement Company except as noted.

D-1091-H-26, RIVINO LAND COMPANY. MAP 7

Location and description—600 feet southeast of Agua Mansa Road, 2300 feet northeast of Riverside Avenue, southeast of Colton.

Reference point—Top of 1" x 12" on edge, 0.8 feet above ground, to and including November 3, 1921; then, top of wooden curb, at ground, to and including January 1, 1930; then, top of 8" x 8" timber, 0.8 feet above ground.

Elevation of reference point—869.2, to and including November 3, 1921; then, 868.4, to and including January 1, 1930; then, 869.2; from levels by Davidson and Fulmor.

Use—Irrigation.

Depth of well—125 feet.

Diameter of casing—12 inches.

Other numbers used—Gage Canal Co. C-55; Riverside Cement Co. No. 135; Location No. 17935A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1921—Cont.		1930—	
April 9.	8.2	Aug. 1.	11.0	Jan. 29.	16.9
June 12.	9.5	Aug. 31.	11.5	Mar. 29.	15.1
July 30.	10.5	Oct. 8.	10.5	June 3.	15.6
Sept. 6.	11.5	Nov. 3.	10.1	Aug. 7.	18.3
Oct. 15.	11.3			Oct. 8.	19.4
1920—		1927—		Nov. 7.	19.9
Dec. 15.	8.2	Nov. 23.	11.1	Dec. 10.	19.0
1921—		1928—		1931—	
Jan. 7.	7.6	Mar. 6.	8.5	Jan. 7.	18.6
Feb. 21.	7.2	Nov. 8.	13.8	Mar. 6.	17.0
April 29.	9.0	1929—		April 8.	18.1
May 26.	8.2	Mar. 4.	10.8	Sept. 15.	21.7
				Oct. 13.	22.3
				Dec. 19.	20.7

^a Measurement from Riverside Cement Company.

Measurements from Gage Canal Company except as noted.

D-1092c-H-26, SUNNYSLOPE WATER COMPANY. MAP 7

Location and description—150 feet northwest of Agua Mansa Road, at point 1.42 miles westerly from Third Street, Colton, southwest of Colton.

Reference point—Top of casing in pit, 5.7 feet below floor.

Elevation of reference point—870.1, from levels by Davidson and Fulmor.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—Riverside Cement Co. No. 118; Location No. 17935.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1928—		1929—	
Aug. 12.	5.3	Jan. 7.	2.0	Jan. 3.	4.5
Oct. 18.	5.4	Mar. 9.	0.8	Mar. 18.	4.0
Nov. 23.	3.2	May 16.	3.1	April 9.	3.0
		July 19.	4.8	May 2.	4.1
		Sept. 24.	6.6		
		Nov. 8.	6.7		
		Dec. 6.	5.2		

Measurements from Riverside Cement Company.

D-1092d-H-26, JACOB STEINBERG—OLD HAGINS WELL. MAP 7

Log Available

Location and description—500 feet south of Slover Avenue and 2300 feet west of Meridian Avenue, west of Colton.

Reference point—Top of pit, 0.3 feet above ground, to and including November 2, 1921; then, top of casing, 1.5 feet below 1 beam and 3.2 feet below top of pit.

Elevation of reference point—999.1, to and including November 2, 1921; then, 995.9, from levels by Davidson and Fulmor.

Use—Irrigation.

Depth of well—279 feet.

Diameter of casing—12 inches.

Other numbers used—Riverside Cement Co. No. 116; State Div. E. and I. No. 13, San Bernardino Quad.; Gage Canal Co. C-50, Location No. 17943A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1924—		1929—	
April 10.....	^a 109.7	Dec. 18.....	^b 112.0	Feb. 2.....	113.0
May 21.....	^a 109.6			April 6.....	112.3
1916—		1926—		June 20.....	114.1
April 23.....	^a 108.4	Feb. 11.....	^b 107.7	Sept. 11.....	116.6
		1927—		Oct. 17.....	117.2
1920—		Aug. 12.....	111.0	1930—	
Dec. 15.....	^a 106.6	Oct. 12.....	112.1	Oct. 8.....	120.5
		Dec. 26.....	110.9		
1921—		1928—		1931—	
Jan. 7.....	^a 106.5	Jan. 25.....	110.2	Sept. 15.....	122.1
Mar. 22.....	^a 105.9	Mar. 9.....	109.4	Dec. 19.....	122.8
May 23.....	^a 106.6	May 14.....	110.6		
Oct. 13.....	^a 107.9	July 19.....	111.7		
Nov. 2.....	^a 108.2	Sept. 21.....	113.1		
		Nov. 10.....	113.8		
		Dec. 6.....	113.6		

^a Measurement from Gage Canal Company.

^b Measurement from Division of Water Resources.

Measurements from Riverside Cement Company except as noted.

D-1095-G-26, CITIZENS LAND & WATER COMPANY—BOYD NO. 1. MAP 7

Log Available

Location and description—110 feet west of Eucalyptus Avenue, 370 feet south of A. T. & S. F. Ry., west of Rialto.

Reference point—Top of 1 beam, 1 foot below ground, to and including February 11, 1931; then, top of pump base, at ground.

Elevation of reference point—1181, to and including February 11, 1931; then, 1180, from Met. W. D. topog. by D. W. R.

Use—Domestic and irrigation.

Depth of well—590 feet.

Diameter of casing—20 inches.

Other numbers used—E. T. Ham No. 3; Location No. 17940.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931— Cont.	
Feb. 20.....	187.5	Jan. 6.....	206	Aug. 12.....	^a 208.4
Mar. 20.....	187	Feb. 11.....	209	Oct. 9.....	^a 211.9
Dec. 3.....	205	May 8.....	^a 194.9	Dec. 7.....	^a 203.8

^a Measurement from E. T. Ham

Measurements from Citizens Land and Water Company except as noted.

D-1105-F-21, SAN ANTONIO WATER COMPANY—ADAMS PLANT NO. 14. MAP 6

Location and description—710 feet west of Sapphire Street and 0.36 miles south of Banyan Street, east of Upland.

Reference point—Air gage, at ground, to and including February 4, 1931; then, top of casing, pump removed, 1.2 feet below ground.

Elevation of reference point—1685.6, to and including February 4, 1931; then, 1684.4, from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—808 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 4576A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1930—	
April 20.....	269.4	Jan. 5.....	372.0	Jan. 2.....	436.2
May 27.....	242.3	Feb. 9.....	350.9	Mar. 5.....	418.0
June 20.....	239.3	Mar. 9.....	358.2	April 2.....	412.2
July 9.....	234.9	April 6.....	348.9	June 4.....	401.7
		May 4.....	339.7	July 2.....	407.7
1923—		June 1.....	342.0	Sept. 24.....	443.5
Mar. 1.....	219.6	July 6.....	344.3	Nov. 12.....	452.0
Mar. 29.....	217.9	Sept. 1.....	359.3	Dec. 17.....	440.7
		Nov. 2.....	370.3		
1924—		Dec. 7.....	360.4	1931—	
April 24.....	322.0			Jan. 7.....	435.8
Nov. 12.....	352.0	1928—		Mar. 4.....	420.0
Dec. 10.....	354.3	Jan. 4.....	355.8	April 1.....	421.3
1925—		Feb. 1.....	350.1	April 22.....	428.7
Jan. 7.....	350.2	Feb. 29.....	344.9	May 13.....	422.0
Feb. 18.....	354.4	April 11.....	345.6	June 24.....	434.0
Mar. 25.....	360.0	May 18.....	354.8	Aug. 19.....	454.8
April 22.....	361.2	July 25.....	378.6	Nov. 18.....	469.1
July 8.....	369.3	Dec. 5.....	401.5	Dec. 23.....	460.3
Sept. 9.....	383.7				
Dec. 2.....	385.5	1929—		1932—	
1926—		Jan. 2.....	392.0	Jan. 13.....	455.0
Jan. 6.....	378.5	Mar. 13.....	380.0		
Feb. 10.....	382.0	April 10.....	378.0		
April 7.....	366.0	May 16.....	378.9		
May 12.....	375.0	June 26.....	39.7		
June 16.....	361.6	July 24.....	408.9		
July 14.....	362.8	Sept. 18.....	423.7		
Dec. 1.....	382.4	Dec. 11.....	435.2		

Measurements from Cucamonga Conservatioo Association.

D-1105d-F-21, SAN ANTONIO WATER COMPANY, PLANT No. 11, CHILD'S WELL. MAP 6

Location and description—57 feet east of Cornelian Avenue, 0.26 miles south of Banyan Street, east of Upland.

Reference point—Top of air line, 1.4 feet above floor and 0.8 feet above ground, to and including July 24, 1929; then, top of casing, 3.5 feet below ground.

Elevation of reference point—1671.5, to and including July 24, 1929, then, 1667.2, from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—710 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 4585.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1925—		1928—	
Nov. 4.....	306 0	Jan. 7.....	340 1	Jan. 4.....	370 1
Dec. 30.....	298 0	Feb. 25.....	342 4	Mar. 28.....	350 0
		Mar. 11.....	348 2	May 20.....	357 0
1921—		May 26.....	353 4	Dec. 5.....	393 7
Jan. 5.....	298 0	June 24.....	354 7		
Feb. 9.....	295 0	Nov. 18.....	376 6	1929—	
Mar. 23.....	289 0	Dec. 30.....	373 2	Jan. 2.....	387 9
June 21.....	293 0			Feb. 20.....	380 0
July 5.....	293.5			April 24.....	375 9
		1926—		July 24.....	399 9
1922—		Jan. 6.....	370 9	Aug. 7.....	392 6
July 9.....	296.9	Mar. 17.....	366.3	Sept. 18.....	383 7
Sept. 29.....	303.3	April 17.....	371 2	Oct. 23.....	387 9
		May 12.....	366 0		
1923—		June 30.....	365 5		
April 30.....	284 8	Dec. 1.....	381.6		
July 12.....	299.3	1927—			
Sept. 6.....	317 8	Jan. 5.....	379 9		
1924—		Mar. 30.....	365.5		
April 2.....	328 6	May 11.....	356.0		
May 14.....	324 0	June 29.....	365.5		
Nov. 5.....	350.0	July 27.....	363 2		
Dec. 31.....	340 0	Sept. 1.....	374.3		
		Nov. 2.....	382 8		
		Dec. 28.....	371 2		

Measurements from Cucamonga Conservatinn Association.

D-1105e-F-21, ARMSTRONG NURSERY. MAP 6

Location and description—0.27 miles east of Cornelian Avenue, 0.29 miles south of Banyan Street, east of Upland.

Reference point—Top of ½-inch coupling, south side of pump, 0.6 feet above steel I beams, 2.4 feet above ground.

Elevation of reference point—1635, from aneroid by D. W. R.

Use—Irrigation.

Depth of well—930 feet.

Diameter of casing—18 inches.

Other numbers used—Location No. 4586F.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
April 23.....	320 1	Jan. 2.....	386 3	Jan. 7.....	390 3
Oct. 24.....	347 9	Feb. 5.....	394 8	Mar. 4.....	383 5
Nov. 7.....	355 6	Mar. 12.....	375 3	April 8.....	384 9
Dec. 19.....	354.1	April 16.....	371 1	May 6.....	383 0
		May 21.....	383.5	June 3.....	386 4
1929—		June 25.....	371 6	July 15.....	397 0
Jan. 9.....	351.4	July 30.....	379 2	Aug. 5.....	402 7
Mar. 13.....	344.1	Sept. 3.....	387 4	Aug. 26.....	445 3
April 10.....	341 3	Nov. 12.....	397 8	Sept. 2.....	440 5
May 8.....	341 3			Sept. 16.....	453.5
June 19.....	353.6			Oct. 7.....	449 5
Sept. 4.....	371 0			Nov. 18.....	451.5
Nov. 6.....	396 5				
Dec. 11.....	383 8			1932—	
				Jan. 13.....	442.5

Measurements from Cucamonga Conservation Association.

D-1106-F-21, SAN ANTONIO WATER COMPANY NO. 8 (HASKELL WELL). MAP 6

Location and description—600 feet north of Base Line Avenue and 177 feet east of Cornelian Avenue, east of Upland.

Reference point—Top of air line, 0.5 feet above ground.

Elevation of reference point—1469.4, from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—514 feet.

Diameter of casing—12 inches.

Other numbers used—Location No. 4587E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912—		1920—		1927—	
Dec. 28.....	*123.5	Feb. 25.....	103.6	Jan. 5.....	200.4
1913—		April 28.....	89.8	Feb. 2.....	182.4
May 1.....	*112.3	Oct. 6.....	127.0	Mar. 2.....	185.4
1914—		Nov. 10.....	121.3	April 6.....	175.0
Jan. 13.....	70.4	Dec. 17.....	122.5	May 4.....	167.4
July 31.....	83.2	1921—		June 13.....	178.0
Aug. 31.....	88.9	Feb. 3.....	113.9	Nov. 2.....	208.7
Dec. 7.....	97.6	April 6.....	107.0	Dec. 7.....	197.2
1915—		May 5.....	116.2	1928—	
Jan. 4.....	90.7	July 21.....	126.2	Jan. 4.....	189.1
Mar. 15.....	79.9	Dec. 20.....	120.1	Feb. 1.....	171.4
May 18.....	74.2	1922—		April 18.....	160.6
Aug. 3.....	77.4	Jan. 3.....	139.3	May 18.....	176.4
Oct. 4.....	87.8	Feb. 7.....	130.0	Aug. 1.....	202.5
Nov. 15.....	92.4	April 5.....	112.5	Oct. 17.....	235.7
Dec. 13.....	88.0	Aug. 10.....	119.2	Dec. 12.....	164.6
1916—		Dec. 29.....	116.7	1929—	
Feb. 9.....	74.9	1923—		April 10.....	192.0
May 8.....	67.1	Feb. 5.....	107.0	June 19.....	222.5
July 2.....	69.2	Mar. 9.....	98.9	Sept. 18.....	266.0
Sept. 18.....	84.4	April 11.....	103.3	Nov. 27.....	291.2
Nov. 20.....	75.7	June 8.....	115.1	Dec. 11.....	275.2
1917—		1924—		1930—	
Jan. 3.....	71.7	Jan. 2.....	158.4	Jan. 2.....	287.2
Mar. 7.....	66.6	Mar. 26.....	161.9	Feb. 5.....	238.5
May 9.....	65.1	April 30.....	142.3	April 2.....	222.8
July 18.....	72.0	Sept. 24.....	203.2	May 14.....	215.3
Aug. 15.....	100.0	Nov. 12.....	180.4	Aug. 27.....	292.9
1918—		Dec. 10.....	183.3	Sept. 17.....	304.3
Jan. 30.....	91.9	1925—		Oct. 22.....	289.9
Mar. 6.....	85.7	Feb. 4.....	180.7	Nov. 5.....	317.1
May 9.....	76.6	Mar. 4.....	182.2	Dec. 10.....	274.3
Aug. 7.....	88.0	April 8.....	179.3	1931—	
Dec. 2.....	95.0	May 8.....	184.5	Jan. 7.....	252.9
1919—		Dec. 2.....	213.7	Mar. 4.....	235.8
Feb. 24.....	83.7	1926—		April 1.....	251.9
Mar. 24.....	80.3	Feb. 3.....	206.7	May 6.....	239.6
May 19.....	89.3	Mar. 3.....	199.3	June 3.....	262.9
Oct. 8.....	111.8	May 5.....	187.7	July 29.....	304.9
Dec. 31.....	103.3	June 23.....	195.3	Sept. 30.....	339.6
		Dec. 1.....	214.2	Oct. 21.....	313.1
				Nov. 18.....	306.4
				Dec. 16.....	278.9
				1932—	
				Jan. 13.....	267.5

* Pumping.

Measurements from Cucamonga Conservation Association.

D-1106c-F-21, BELLE ALTA ESTATE, INC. MAP 6

Location and description—50 feet east of Cornelian Street and 685 feet south of 19th Street, east of Upland.

Reference point—Top of 1-inch pipe in pump base, inside, from south side.

Elevation of reference point—1544.2, from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—474 feet.

Diameter of casing—18 inches.

Other numbers used—Location No. 4586A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1929—		1931—	
Mar. 20.....	169.2	Jan. 9.....	274.6	Jan. 7.....	316.2
April 30.....	169.6	Mar. 20.....	260.9	Mar. 25.....	301.4
1927—		April 10.....	258.8	April 15.....	306.3
Feb. 11.....	258.0	June 26.....	275.6	May 13.....	303.2
May 18.....	237.3	July 24.....	284.5	June 24.....	311.3
June 2.....	237.6	Dec. 18.....	313.8	Sept. 23.....	339.6
1928—		1930—		Oct. 28.....	341.4
Feb. 22.....	238.1	Jan. 8.....	313.6	Nov. 11.....	344.8
April 17.....	229.8	Mar. 19.....	296.1	Dec. 23.....	337.6
June 19.....	246.5	May 28.....	284.0	1932—	
Aug. 8.....	264.5	July 23.....	293.7	Jan. 13.....	333.3
Nov. 14.....	286.7	Oct. 15.....	314.8		
		Dec. 3.....	317.6		

Measurements from Cucamonga Conservation Association.

D-1107c-F-22, CUCAMONGA WATER COMPANY, NO. 1. MAP 6

Location and description—600 feet north of Base Line Avenue, 450 feet east of Hellman Avenue, east of Upland.

Reference point—Top of concrete pit around pump head, to and including September 24, 1930; then, top of 1½-inch pipe, 1.4 feet higher, to and including March 4, 1931; then, top of pipe at top of concrete curb at ground.

Elevation of reference point—1399.2, to and including September 24, 1930; then, 1400.6, to and including March 4, 1931; then, 1399.2; from levels by J. R. Shoemaker.

Use—Irrigation.

Depth of well—642 feet.

Diameter of casing—14 inches.

Other numbers used—Location No. 4597B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1913—		1924—		1930—	
Feb. 1.....	103	April 12.....	129.3	Jan. 2.....	231.9
1916—		1928—		April 2.....	217.7
Jan. 1.....	90	Mar. 1.....	176.2	May 21.....	212.9
Mar. 1.....	83	April 17.....	171.5	Oct. 29.....	241.7
May 8.....	76	May 5.....	180.7	Nov. 12.....	242.6
1918—		May 15.....	173.8	Dec. 31.....	237.3
Feb. 2.....	102.0	Sept. 5.....	200.2	1931—	
April 1.....	100.0	Oct. 10.....	208.7	Jan. 7.....	236.5
1922—		Dec. 26.....	197.5	Feb. 11.....	232.8
Feb. 24.....	105.3	1929—		Mar. 4.....	230.7
April 19.....	98.0	Jan. 2.....	196.0	April 8.....	227.8
May 16.....	108.0	Mar. 6.....	190.5	May 13.....	227.5
July 9.....	119.2	April 28.....	188.8	June 17.....	232.0
Aug. 3.....	121.5	May 29.....	206.2	Sept. 2.....	236.2
1923—		Sept. 25.....	226.0	Nov. 11.....	238.6
Mar. 1.....	102.6	Nov. 27.....	232.3	Dec. 16.....	236.8
April 30.....	112.3	Dec. 24.....	231.6	1932—	
June 21.....	123.7			Jan. 13.....	234.7

Measurements from Cucamonga Conservation Association.

D-1107 I-F-22, HERMOSA WATER COMPANY, NO. 3. MAP 6

Log Available

Location and description—385 feet east of Amethyst Avenue, 0.13 miles north of 19th Street, east of Upland.

Reference point—Bottom of pump base, at ground.

Elevation of reference point—1521.1, from levels by Henry Garrett.

Use—Irrigation.

Depth of well—858 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 18506J.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Mar. 10.....	220.8	Jan. 2.....	236.7	Jan. 7.....	268.9
April 6.....	218.1	Feb. 6.....	233.2	Feb. 4.....	264.9
May 10.....	217.9	Mar. 6.....	237.0	Mar. 4.....	262.3
1928—		April 3.....	234.7	April 22.....	290.5
Mar. 28.....	216.3	May 8.....	241.4	May 13.....	262.3
April 24.....	225.5	July 10.....	261.1	June 10.....	285.5
May 19.....	222.9	1930—		Nov. 18.....	273.7
June 1.....	230.3	Jan. 8.....	273.6	Nov. 25.....	292.4
Nov. 21.....	250.2	Feb. 12.....	259.2	Dec. 16.....	286.2
Dec. 19.....	239.0	Mar. 5.....	256.9	1932—	
		May 7.....	251.1	Jan. 13.....	279.7
		June 18.....	278.6		
		Dec. 10.....	274.6		

Measurements from Cucamonga Conservation Association.

D-1108-F-22, IOAMOSA WATER COMPANY. MAP 6

Log Available

Location and description—200 feet west of Beryl Street and 700 feet north of Banyan Street, north of Alta Loma.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—1694, from aneroid by D. W. R.

Use—Not used.

Depth of well—438 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 4595.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
Mar. 5.....	377.1	Jan. 7.....	384.3	Oct. 7.....	391.7
May 21.....	376.3	Mar. 4.....	383.9	Nov. 4.....	393.1
June 25.....	376.9	April 1.....	384.1	Dec. 9.....	392.9
July 9.....	377.3	May 6.....	384.5	1932—	
Sept. 24.....	382.0	June 24.....	386.1	Jan. 6.....	393.6
Nov. 12.....	384.3	Aug. 5.....	389.0		
Dec. 3.....	382.9				

Measurements from Cucamonga Conservation Association.

D-1116-F-22, VIO BROTHERS. MAP 6

Location and description—0.25 miles north of Banyan Street, 660 feet east of Archibald Avenue, north of Alta Loma.

Reference point—Top of casing, 1.9 feet above ground, to and including May 17, 1929; then, top of steel I beams, 0.6 feet below ground and 2.1 feet below top of concrete curb.

Elevation of reference point—1702.5, to and including May 17, 1929; then, 1700, from aneroid by D. W. R.

Use—Irrigation.

Depth of well—953 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 18505A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929— May 17.	327.3	1931— April 29. May 13.	387.1 386.1		

Measurements from Cucamonga Conservation Association.

D-1151-E-24, CHERBAK BROTHERS. MAP 7

Log Available

Location and description—2¼ miles north of Highland Avenue and 1¼ miles west of Citrus Avenue, northwest of Fontana.

Reference point—Top of casing.

Elevation of reference point—1790, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Depth of well—754 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 190, San Bernardino Quad.; Location No. 18622.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927— Dec. 28.	509				

Measurement from Division of Water Resources.

D-1156-F-24, T. S. N. MALOOF. MAP 7

Log Available

Location and description—0.26 miles north of Highland Avenue, 0.49 miles east of Lytle Creek Road, north of Fontana. Stone pump house.

Reference point—Pressure gage, 1 foot above ground.

Elevation of reference point—1538, from Met. W. D. topog. by D. W. R.

Use—Domestic.

Depth of well—915 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 18645.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Oct. 7.	^a 672.0	1932— Feb. 22.	^b 692.0		

^a Measurement from Pomona Pump Company.

^b Measurement from Lytle Creek Protective Association.

D-1161-E-25, FONTANA UNION WATER COMPANY, F. U. NO. 27. MAP 7

Location and description—150 feet northeast of Lytle Creek Canyon Road, 1.26 miles from Cajon Creek Road in Lytle Creek Canyon, northwest of San Bernardino. 6-foot concrete caisson.

Reference point—Top of curb at 1 beams, 3.0 feet above ground.

Elevation of reference point—2242.2, from levels by owner.

Use—Irrigation.

Depth of well—113 feet.

Other numbers used—State Div. E. and I. No. 46, San Bernardino Quad.; Location No. 19459.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1919—		1923—		1928—	
Aug. 6.....	*106.1	Feb. 27.....	63.3	Feb. 15.....	67.5
Sept. 4.....	*104.4	May 15.....	76.4	April 2.....	68.4
Oct. 3.....	*81.5	June 23.....	97.8	May 14.....	93.1
Dec. 24.....	*78.6	Aug. 15.....	110.3	July 14.....	97.1
		Sept. 26.....	85.8	Oct. 15.....	96.0
1920—		Dec. 15.....	86.0	Nov. 15.....	87.0
Feb. 5.....	*70.6			Dec. 15.....	83.0
Apr. 5.....	*52.2	1924—			
June 14.....	*68.1	Jan. 15.....	86.3	1929—	
July 10.....	*77.5	Mar. 11.....	105.5	Jan. 15.....	74.0
Nov. 12.....	*77.5	April 19.....	63	Mar. 15.....	60.5
		Nov. 15.....	90	May 15.....	83
1921—		Dec. 13.....	88.9		
Jan. 7.....	*69.2			1930—	
Mar. 21.....	*55.6	1925—		Jan. 15.....	88
May 26.....	*64.2	Jan. 15.....	81.2	Mar. 17.....	58.5
		April 18.....	72.0	May 15.....	60.5
1922—		Oct. 16.....	88.1	Dec. 15.....	85.0
Jan. 14.....	42.0	Dec. 18.....	86.5		
Feb. 21.....	38.3			1931—	
June 15.....	57.9	1926—		Jan. 16.....	82
Aug. 15.....	64.5	Feb. 16.....	73.5	Feb. 16.....	62
Sept. 20.....	57.0	April 17.....	54.0	April 21.....	69.5
Oct. 25.....	71.5	May 15.....	63.3	May 20.....	102
Dec. 23.....	59.0	Dec. 15.....	78.5	June 15.....	74
				Nov. 17.....	86
		1927—		Dec. 14.....	79
		Jan. 15.....	61.5		
		Mar. 15.....	47.0		
		Aug. 13.....	79.8		
		Oct. 15.....	85.7		
		Dec. 16.....	70.0		

* Measurement from W. P. Rowe.

Measurements from Fontana Union Water Company except as noted.

D-1162a-E-25, FONTANA UNION WATER COMPANY, F. U. NO. 26. MAP 7

Log Available

Location and description—250 feet north of Cajon Creek Road, 0.24 miles east of Lytle Creek Canyon Road, in Lytle Creek Canyon, northwest of San Bernardino 6-foot caisson.

Reference point—Top of caisson, 2.0 feet above ground.

Elevation of reference point—2066.3, from levels by owner.

Use—Irrigation and domestic.

Depth of well—127 feet.

Other numbers used—State Div. E. and I. No. 181, San Bernardino Quad.; Fontana Water Co. No. 3, Location No. 18660.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1914—		1921—		1927—	
Mar. 29.....	53.4	Jan. 7.....	*98.2	Jan. 15.....	104.8
Dec. 8.....	95.6	April 19.....	*76.2	May 16.....	79.6
		May 26.....	*90.0	Dec. 16.....	106.7
1915—		Dec. 17.....	*117.4		
Feb. 6.....	83.8			1928—	
May 1.....	77			Jan. 15.....	96.5
Aug. 13.....	92.7	1922—		April 14.....	89.3
		Jan. 14.....	46	Sept. 15.....	117.5
1916—		Mar. 15.....	*51.8	Dec. 15.....	119.0
Mar. 2.....	94.7	May 16.....	63.8		
Aug. 22.....	88.2	July 5.....	*76.0		
Nov. 17.....	90.8	Sept. 29.....	*86.0	1929—	
		Dec. 23.....	78	Jan. 15.....	117
1917—				April 15.....	81
Jan. 23.....	62.5	1923—		Dec. 15.....	118
May 19.....	81.4	Jan. 25.....	80.0		
		June 23.....	121.7	1930—	
1918—		Dec. 15.....	114.2	Jan. 15.....	119
Mar. 21.....	55.5			April 17.....	79.6
Nov. 2.....	95.4	1924—			
Dec. 6.....	*100.1	Jan. 15.....	114.8	1931—	
		May 12.....	95.0	Jan. 16.....	114
1919—		Dec. 13.....	120.2	Feb. 16.....	109
April 3.....	95.3			Mar. 16.....	88
1920—		1925—		April 21.....	96
April 16.....	54	Jan. 15.....	116.4	May 20.....	98
May 11.....	72.4	June 13.....	97.5	June 15.....	96
Nov. 12.....	*110.3	Dec. 18.....	120.4	July 16.....	103
				Nov. 17.....	118
		1926—		Dec. 14.....	116
		Jan. 23.....	117.6		
		May 15.....	75.1		
		Dec. 15.....	117.3		

* Measurement from W. P. Rowe.

Measurements from Fontana Union Water Company except as noted.

D-1164-E-25, CLYDE C. DANNER. MAP 7

Location and description—1.95 miles north of Highland Avenue, 200 feet west of Magnolia Avenue, north of Fontana. Small wooden derrick. Dug shaft.

Reference point—Top of wooden platform, 1 foot above ground.

Elevation of reference point—1805, from Met. W. D. topog. by D. W. R.

Use—Domestic and irrigation.

Depth of well—167 feet.

Other numbers used—Location No. 18663.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—					
Nov. 14.....	156.0				

Measurements from Fontana Union Water Company.

D-1165-F-25, C. C. MOORE. MAP 7

Location and description—0.74 miles north of Highland Avenue, 0.46 miles west of Magnolia Avenue, north of Fontana. Abandoned open casing.

Reference point—Top of casing, at ground.

Elevation of reference point—1620, from Met. W. D. topog. by D. W. R.

Use—Abandoned.

Diameter of casing—16 inches.

Other numbers used—Location No. 18655.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Nov. 18.....	^a 382.0	1932— Feb. 24..... Mar. 1.....	^b 382.0 ^a 390.0		

^a Measurement from Fontana Union Water Company.

^b Measurement from Lytle Creek Protective Association.

D-1166-F-25, HIGHLAND AVENUE WATER COMPANY. MAP 7

Log Available

Location and description—50 feet south of Highland Avenue, 0.11 miles west of Magnolia Avenue, north of Fontana.

Reference point—Pressure gage, 1 foot above ground.

Elevation of reference point—1529, from Met. W. D. topog. by D. W. R.

Use—Irrigation.

Depth of well—460 feet.

Other numbers used—E. T. Ham No. 27; Location No. 18666.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1914— Nov.	^a 261	1931— July 1.....	^c 355.3	1932— Feb. 19.....	^d 317.0
1929— Jan. 28.....	^b 314.3				

^a Measurement from Peerless Pump Company.

^b Measurement from W. D. Ward.

^c Measurement from E. T. Ham.

^d Measurement from Lytle Creek Protective Association.

D-1170-E-25, FONTANA UNION WATER COMPANY—YELLOW WEIR. MAP 7

Location and description—800 feet due east of junction of Riverside and Magnolia Avenues, north of Fontana. Shaft.

Reference point—Ground, 2 feet below curb.

Elevation of reference point—1950.6, from levels by owner.

Use—Not used.

Depth of well—113 feet.

Other numbers used—Location No. 18661A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1914— June 25..... July 9..... July 29..... Dec. 3.....	101.9 103.9 104 112.3	1915— Feb. 23..... April 8..... May 19..... July 31..... Aug. 6.....	108.1 93.7 100.6 108.7 109.7	1917— Jan. 23..... Feb. 15..... Mar. 16..... April 26..... June 20..... Aug. 17.....	106.0 97.0 82.1 96.6 106.8 Dry 111.9
		1916— June 15..... July 15.....	97.0 100.7	1918— Mar. 21.....	102.5

Measurements from Fontana Union Water Company.

D-1170b-E-25, FONTANA UNION WATER COMPANY, F. U. NO. 19. MAP 7

Log Available

Location and description—300 feet southwest of Riverside Avenue, 1.82 miles northwest of Linden Avenue, north of Fontana.

Reference point—Top of casing, 1.5 feet above ground.

Elevation of reference point—1854.1, from levels by owner.

Use—Domestic.

Depth of well—325 feet.

Diameter of casing—20 inches.

Other numbers used—State Div. E. and I. No. 182, San Bernardino Quad; Location No. 18672.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—Cont.		1930—Cont.	
Feb. 15.....	54.6	May 15.....	52	July 15.....	49
April 2.....	52.1	June 15.....	50	Sept. 15.....	51.5
June 15.....	50.6	Sept. 15.....	54.5	Nov. 15.....	55.0
Aug. 15.....	53.0	Nov. 15.....	57.5		
Oct. 15.....	57.5			1931—	
Dec. 15.....	59	1930—		Jan. 16.....	57
		Jan. 15.....	61	Mar. 16.....	59
1929—		Mar. 17.....	63	April 21.....	55.5
Jan. 15.....	61.5	May 15.....	54.5		
April 15.....	61				

Measurements from Fontana Union Water Company.

D-1173-E-25, GLEN HELEN RANCH, NO. 1. MAP 7

Location and description—300 feet south of Cajon Creek Road, 0.19 miles west of Old Cajon Canyon Road, northwest of San Bernardino. Dug well.

Reference point—Top of box, at ground.

Elevation of reference point—2020.1, from levels by J. B. Lippincott.

Use—Not used.

Other numbers used—Location No. 19499.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1925—		1928—	
Oct. 20.....	3.4	May 20.....	4.4	Feb. 5.....	6.0
		Oct. 27.....	5.7	June 8.....	6.3
1922—				Aug. 1.....	8.0
Aug. 17.....	1.7	1927—		Aug. 24.....	6.6
		April 9.....	4.7	Oct. 5.....	7.1
1923—		July 8.....	4.7	Nov. 24.....	7.3
Mar. 2.....	3.8	Sept. 27.....	4.8	Dec. 28.....	5.9
June 11.....	4.3	Nov. 1.....	4.9		
1924—				1932—	
Feb. 20.....	4.5			Jan. 19.....	Flowing

Measurements from J. B. Lippincott.

D-1177a-F-25, W. B. BRAZELTON. MAP 7

Log Available

Location and description—0 36 miles north of Highland Avenue, 50 feet west of Linden Avenue, northeast of Fontana.

Reference point—Top of 1 beams, at ground.

Elevation of reference point—1501, from Mct. W. D. topog. by D. W. R.

Use—Irrigation.

Depth of well—779 feet.

Diameter of casing—16 inches.

Other numbers used—Location No. 18695.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—					
May 26.....	430.0				
July 7.....	433.5				

Measurements from W. V. Ward.

D-1181-F-26, FONTANA UNION WATER COMPANY, OLD F. U. NO. 4. MAP 7

Location and description—0.5 miles northeast of Riverside Avenue, 175 feet southeast of Linden Avenue, northwest of San Bernardino. 20 feet east of F. U. New No. 4.

Reference point—2.5 feet above ground, to and including March 15, 1923; then, floor at top of casing, 0.5 feet above ground.

Elevation of reference point—1593.1, to and including March 15, 1923; then, 1591.1; from levels by owner.

Use—Not used.

Other numbers used—State Div. E. and I. No. 54, San Bernardino Quad.; E. T. Ham No. 11; Location No. 18703.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1914—		1926—		1929—	
Mar. 29.....	65.4	July 15.....	274.6	Jan. 15.....	246.0
		Aug. 14.....	276.4	Mar. 15.....	234
1915—		Oct. 15.....	273.7	April 15.....	229
Jan. 15.....	90.4	Dec. 15.....	274.4	Oct. 17.....	Dry 286
1919—		1927—		1930—	
April 4.....	136	Jan. 15.....	265.8	Jan. 15.....	Dry 286
May 7.....	137.6	Mar. 15.....	247.3	Mar. 17.....	276
		April 16.....	210.4	May 15.....	243.5
1923—		May 16.....	187.9	July 15.....	252
Mar. 15.....	103.1	July 15.....	193.7	Sept. 15.....	272
		Sept. 15.....	199.3	Nov. 14.....	Dry 286
1924—		Oct. 15.....	211.5	Dec. 30.....	264
Oct. 15.....	200.2	Dec. 16.....	199.4		
Nov. 15.....	205.2	1928—		1931—	
Dec. 13.....	205	Jan. 15.....	186.9	Jan. 16.....	257
1925—		Mar. 15.....	171.3	Mar. 23.....	235
Jan. 15.....	204.6	May 14.....	179.4	April 21.....	252
Mar. 14.....	206.6	June 15.....	189.9	June 15.....	264
May 16.....	222.0	July 14.....	200.1	Aug. 15.....	273
		Nov. 15.....	257.0	Oct. 15.....	Dry 285
				Dec. 14.....	282

Measurements from Fontana Union Water Company.

D-1181c-F-26, FONTANA UNION WATER COMPANY, T. & M. NO. 1. MAP 7

Log Available

Location and description—0.21 miles northeast of Riverside Avenue, from point 0.24 miles southeast of Linden Avenue, northwest of San Bernardino.

Reference point—(a) Top of caisson, east side, 1 foot below floor; (b) Top of concrete floor, 2.0 feet above ground; (c) Top of casing, 0.6 feet below floor.

Elevation of reference point—(a) 1571.8; (b) 1572.8; (c) 1572.2; from levels by owner.

Use—Water conservation.

Depth of well—368 feet.

Diameter of casing—14 inches.

Other numbers used—State Div. E. and I. No. 57, San Bernardino Quad.; E. T. Ham No. 12; Location No. 18704.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912—		1920—		1927—	
April 1.....	*86.4	Feb. 5.....	*4137.9	May 16.....	*95.1
June 8.....	*90.5	Mar. 24.....	*121.5	July 15.....	*126.1
Sept. 11.....	*96.5	May 6.....	*4110.4	Sept. 15.....	*137.4
1913—		July 10.....	*4127.1	1928—	
Jan. 21.....	*105.7	Sept. 17.....	*4136.9	July 14.....	*138.3
May 13.....	*105	Nov. 12.....	*4134.0	Sept. 15.....	*151.0
Sept. 23.....	*123.6	1921—		Oct. 15.....	*156
1914—		Jan. 7.....	*4130.6	1929—	
Jan. 31.....	*122.6	April 19.....	*4118.7	Jan. 15.....	*136
April 24.....	*48.9	June 30.....	*4129.1	Feb. 15.....	*62
Aug. 19.....	*65	Nov. 9.....	*4141.1	May 15.....	*111.5
Dec. 8.....	*83.7	Dec. 17.....	*4142.9	July 15.....	*132.0
1915—		1922—		Sept. 16.....	*146.0
Jan. 3.....	*86.6	Jan. 5.....	*4137.8	Dec. 15.....	*162
May 1.....	*61.8	Feb. 21.....	*81.4	1930—	
Aug. 13.....	*70.2	Mar. 15.....	*455.7	Feb. 15.....	*77
1916—		May 16.....	*40.0	July 15.....	*156
Mar. 2.....	*36.2	Sept. 20.....	*58.2	Sept. 15.....	*141
June 16.....	*47.0	Dec. 23.....	*62.5	Nov. 14.....	*143
Sept. 22.....	*67.1	1923—		Dec. 16.....	*70
Dec. 28.....	*76.0	Jan. 25.....	*66.8	1931—	
Dec. 31.....	*475.3	April 5.....	*80.5	Jan. 16.....	*64
1917—		Aug. 15.....	*113.3	Mar. 16.....	*32
Jan. 23.....	*77.0	Dec. 15.....	*128.5	April 21.....	*119
April 26.....	*75.9	1924—		June 12.....	*123.4
July 23.....	*76.7	Jan. 15.....	*130.2	July 16.....	*134
Dec. 16.....	*100.7	Mar. 11.....	*131	Aug. 7.....	*150.8
1918—		May 12.....	*130.5	Sept. 15.....	*142.5
Jan. 21.....	*106.4	Oct. 15.....	*159.3	Oct. 15.....	*142.2
April 22.....	*81.5	1925—		Dec. 14.....	*1
Aug. 26.....	*95.2	Jan. 15.....	*157.3		
Oct. 31.....	*105.3	April 18.....	*163.8		
1919—		1926—			
Mar. 7.....	*113.5	April 17.....	*181.2		
June 12.....	*4127.5	June 15.....	*175.5		
Nov. 1.....	*4139.3	Sept. 15.....	*182.6		
		Dec. 15.....	*188.8		

* Reference point (a) used.

b Reference point (b) used.

c Reference point (c) used.

d Measurement from W. P. Rowe.

e Measurement from E. T. Ham.

f Full. Sinking water.

Measurements from Fontana Union Water Company except as noted.

D-1182b-E-26, FONTANA UNION WATER COMPANY, F. U. NO. 10. MAP 7

Log Available

Location and description—1.15 miles northeast of Riverside Avenue from point 0.27 miles northwest of Linden Avenue, northwest of San Bernardino.

Reference point—Center of gage, 0.7 feet above floor and ground.

Elevation of reference point—1599.6, from levels by owner.

Use—Not used.

Depth of well—584 feet.

Diameter of casing—20 inches.

Other numbers used—State Div. E. and I. No. 225, San Bernardino Quad.; Location No. 18702.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1930—	
May 15.....	281.7	Jan. 15.....	303.5	Jan. 15.....	^a 346
Nov. 15.....	337.0	April 2.....	290.0	Feb. 15.....	339.1
		May 14.....	297	Mar. 17.....	^a 346
1927—		Aug. 15.....	316	May 15.....	335.6
Feb. 14.....	315			July 15.....	341.4
April 16.....	309	1929—		Aug. 15.....	^a 346
June 15.....	303	Jan. 15.....	293.1	Sept. 15.....	335.6
Aug. 15.....	302	Mar. 15.....	289.7	Nov. 15.....	339.1
Oct. 15.....	305.5	May 15.....	288.5	Dec. 15.....	^a 346
Nov. 16.....	307.0	Aug. 15.....	318.4		
		Oct. 17.....	331.1	1931—	
		Nov. 15.....	^a 346	Feb. 16.....	^a 346
		Dec. 15.....	333.5		

^a Dry at this depth.

Measurements from Fontana Union Water Company.

D-1182c-E-26, FONTANA UNION WATER COMPANY, F. U. NO. 13. MAP 7

Log Available

Location and description—1.0 miles northeast of Riverside Avenue from point 0.38 miles southeast of Linden Avenue, northwest of San Bernardino.

Reference point—(a) Top of I beams, at floor and ground, northeast of air gage; (b), gage 0.7 feet above floor.

Elevation of reference point—(a) 1549.8; (b) 1550.5; from levels by owner.

Use—Irrigation.

Depth of well—551 feet.

Diameter of casing—20 inches.

Other numbers used—State Div. E. and I. No. 53, San Bernardino Quad.; Location No. 18713.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1930—	
July 15.....	^a 255	Jan. 5.....	^a 262.3	Jan. 15.....	^a 318.5
Sept. 15.....	^a 278.4	April 2.....	^a 299.2	Mar. 17.....	^a 313.8
Nov. 15.....	^a 296.9	July 15.....	^b 301.7	May 15.....	^a 311.5
		Nov. 15.....	^a 327.7		
1927—		1929—		1931—	
April 16.....	^a 264.6	Jan. 15.....	^a 323.1	Jan. 16.....	^a 320
May 16.....	^a 255.3	Mar. 15.....	^a 320.8	Mar. 16.....	^a 316.1
June 15.....	^a 259.9	May 15.....	^a 334.7	April 21.....	^b 339.2
Aug. 15.....	^a 259.9	Aug. 15.....	^b 337.7	June 15.....	^a 339.2
Nov. 16.....	^a 266.9	Oct. 17.....	^b 328.8	Aug. 15.....	^a 348.5
		Dec. 15.....	^b 335.7	Oct. 15.....	^a 355.4
				Nov. 17.....	^a 339.2
				Dec. 14.....	^a 336.1

^a Reference point (a) used.

^b Reference point (b) used.

^c Pumping.

Measurements from Fontana Union Water Company.

D-1184-E-26, CAJON LTD., NO. 1 (FORMERLY MEYER RANCH). MAP 7

Log Available

Location and description—350 feet southwest of State Highway (Cajon Boulevard) and 0.8 miles northwest of Cypress Avenue, northwest of San Bernardino.

Reference point—Top of casing, 1.3 feet above ground.

Elevation of reference point 1878, from Met. W. D. topog. by D. W. R.

Use—Not used.

Depth of well—411 feet.

Diameter of casing—20 inches.

Other numbers used—San Bernardino Water Dept. No. 47; Location No. 19519.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1930—	
Dec. 13.....	127.1	Feb. 2.....	146.2	Jan. 2.....	147.8
		April 8.....	147.1	Mar. 11.....	145.7
1928—		June 3.....	147.3	May 5.....	*140.5
Feb. 28.....	130.2	Aug. 15.....	151.4	Sept. 16.....	*138.0
May 1.....	133.2	Sept. 4.....	154.2		
June 1.....	132.5	Nov. 4.....	153.9	1931—	
Aug. 1.....	137.7	Dec. 1.....	155.2	Aug. 8.....	*142.0
Oct. 31.....	141.1			Oct. 23.....	*145.3
Dec. 28.....	143.1				

* Measurements from Muscog Mutual Water Company.

Measurements from San Bernardino Water Department except as noted.

D-1188a-F-26, FONTANA UNION WATER COMPANY, F. U. NO. 1. MAP 7

Log Available

Location and description—0.8 miles northeast of Riverside Avenue from point 1.28 miles southeast of Linden Avenue, northwest of San Bernardino. Casing in 124-foot pit.

Reference point—Top of concrete pit, 2 feet below ground, to and including January 31, 1914; then, top of concrete pit, 4 feet above ground, to and including July 24, 1924; then, air gage, 3 2 feet above ground, except measurements by W. P. Rowe.

Elevation of reference point—1452.2, to and including January 31, 1914; then, 1458.2, to and including July 12, 1924; then, 1457.4, from levels by owner.

Use—Irrigation and domestic.

Depth of well—818 feet.

Diameter of casing—20 inches.

Other numbers used—State Div. E. and I. No. 58, San Bernardino Quad.; Location No. 18724.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912—		1917—		1920—	
Aug. 28.....	33	Jan. 23.....	1.9	Feb. 5.....	*65.6
Nov. 18.....	37.1	Mar. 16.....	4.0	Mar. 24.....	62.5
		May 19.....	9.4	May 6.....	*60.3
1913—		July 23.....	13.4	July 10.....	*68.5
Jan. 21.....	38.1	Oct. 18.....	19.7	Nov. 12.....	*77.5
Mar. 31.....	33	Dec. 16.....	23.6		
June 7.....	35.2			1921—	
Nov. 21.....	42.1	1918—		Jan. 7.....	*76.8
		Jan. 21.....	24.6	April 19.....	*73.0
1914—		Mar. 21.....	23.9	June 30.....	*80.2
Jan. 31.....	43.0	May 13.....	25.8	Dec. 17.....	*90.9
Mar. 25.....	34.6	Aug. 26.....	35.7		
July 29.....	27.1	Oct. 31.....	40.1	1922—	
Oct. 25.....	26.1	Dec. 6.....	*40.8	Jan. 14.....	71.0
Dec. 8.....	28.0			Feb. 21.....	44.7
		1919—		April 17.....	29.5
1915—		Mar. 13.....	*41.7	June 15.....	15.3
Jan. 3.....	27.3	April 17.....	*42.1	Aug. 15.....	14.8
Mar. 22.....	19.9	June 11.....	*47.6	Oct. 25.....	16.4
May 19.....	17.3	Aug. 5.....	*53.3	Dec. 23.....	11.5
Aug. 5.....	20.4	Oct. 3.....	*59.3		
		Dec. 24.....	*63.6		
1916—					
June 16.....	Flowing				
Nov. 17.....	0.3				

D-1188a-F-26, FONTANA UNION WATER COMPANY, F. U. NO. 1. MAP 7--Continued

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1925—		1928—	
Feb. 27.....	12.0	Jan. 15.....	96.2	Feb. 15.....	168.3
April 5.....	14.4	April 18.....	102.7	May 14.....	157.9
June 23.....	25.7			Oct. 15.....	187.9
Sept. 26.....	37.5	1926—		Nov. 15.....	190.2
Oct. 15.....	40.1	Feb. 8.....	^a 148.0	Dec. 15.....	186.6
Dec. 15.....	42.2	July 15.....	^b 173.9		
		Oct. 15.....	^b 204.7	1929—	
1924—				April 15.....	185
Jan. 15.....	43.4	1927—			
Mar. 11.....	52.7	April 16.....	169.4	1931—	
May 12.....	54.5	July 15.....	174.0	July 16.....	236
July 12.....	^b 81.7	Nov. 16.....	179.0	Aug. 15.....	^b 286
Oct. 15.....	^b 125	Dec. 16.....	176.4	Nov. 15.....	^b 374
Nov. 15.....	127.1			Nov. 17.....	247
Dec. 13.....	135			Dec. 14.....	244

^a Measurement from W. P. Rowe. Reference point—Top of concrete pit, 4 feet above ground; elevation, 1,458.2.

^b Pumping.

Measurements from Fontana Union Water Company except as noted.

D-1188f-F-26, LYTLE CREEK WATER & IMPROVEMENT COMPANY, UPPER GROUP
NO. 5. MAP 7

Log Available

Location and description—1.1 miles due north and 0.23 miles west of intersection of Riverside Avenue and Highland Avenue, northwest of San Bernardino.

Reference point—Top of casing, at ground.

Elevation of reference point—1440, from Mct. W. D. topog. by D. W. R.

Use—Irrigation and domestic.

Depth of well—330 feet.

Diameter of casing—18 inches.

Other numbers used—E. T. Ham No. 14; Location No. 18724E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
May 30.....	120.0	Jan. 28.....	131	Aug. 31.....	153.5
Sept. 26.....	143	Mar. 22.....	122	Oct. 26.....	158
Oct. 30.....	118.5	May 13.....	114	Nov. 30.....	163.5
Dec. 27.....	105	Dec. 1.....	158.7	Dec. 14.....	161.8
1928—					
Jan. 30.....	89.5	1930—			
Mar. 26.....	73.5	Jan. 27.....	151		
April 9.....	71	Feb. 17.....	161		
May 21.....	76	Mar. 24.....	156.5		
Nov. 26.....	129				
Dec. 31.....	127				

Measurements from Lytle Creek Water and Improvement Company.

D-1188h-F-26, MUSCOY MUTUAL WATER COMPANY, NO. 1. MAP 7

Log Available

Location and description—0.24 miles north of Ogden Street and 0.33 miles west of Gray Street, northwest of San Bernardino.

Reference point—Top of 2-inch pipe welded into casing at floor and ground.

Elevation of reference point—1493.4, from levels by owner.

Use—Domestic and irrigation.

Depth of well—551 feet.

Diameter of casing—20 inches.

Other numbers used—E. T. Ham No. 8; San Bernardino Water Dept. No. 45; Location No. 18733.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Feb. 27.....	*65.9	Jan. 1.....	70.8	Jan. 19.....	b75.8
April 29.....	*66.0	Feb. 2.....	70.5	Feb. 25.....	b74.0
May 23.....	*65.0	April 8.....	70.1	April 20.....	b80.0
July 12.....	*72.5	May 1.....	73.7	May 15.....	b81.2
Oct. 4.....	*79.8	June 3.....	91.1	June 10.....	b80.6
Dec. 13.....	76.3	Aug. 9.....	123.2	Aug. 11.....	b90.0
1928—		Oct. 3.....	95.4	Sept. 1.....	b83.0
Feb. 3.....	69.4	Dec. 1.....	86.2	Oct. 28.....	b89.0
Mar. 30.....	68.1	1930—		Nov. 24.....	b77.0
May 1.....	76.8	Jan. 2.....	81.2		
July 1.....	76.5	Feb. 6.....	76.9		
Sept. 25.....	85.1	Mar. 11.....	77.1		
Oct. 29.....	79.3	June 21.....	b88.0		
Dec. 3.....	74.0	Sept. 18.....	b94.0		
		Oct. 16.....	b86.0		
		Nov. 24.....	b82.0		

* Measurement from J. B. Lippincott.

b Measurement from owner.

Measurements from San Bernardino Water Department except as noted.

D-1189-F-26, LYTLE CREEK WATER & IMPROVEMENT COMPANY, LOWER GROUP NO. 1. MAP 7

Location and description—0.8 miles due north and 0.6 miles east of intersection of Riverside Avenue and Highland Avenue, northwest of San Bernardino.

Reference point—Top of casing, 5.0 feet below ground.

Elevation of reference point—1363, from Met. W. D. topog. by D. W. R.

Use—Irrigation and domestic.

Diameter of casing—12 inches.

Other numbers used—E. T. Ham No. 13; Location No. 18725.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1918—		1929—		1931—	
May 23.....	64.6	Jan. 28.....	158	Jan. 26.....	182
June 24.....	79.5	Mar. 22.....	144.0	Mar. 30.....	169
Nov. 14.....	75	April 29.....	129	May 25.....	191
1927—		May 27.....	143.5	Aug. 31.....	188.5
May 30.....	113	June 24.....	178.0	Sept. 28.....	194
June 27.....	131	July 22.....	192.5	Nov. 30.....	189
July 25.....	129	Sept. 30.....	206	Dec. 14.....	186.8
Sept. 26.....	160	Oct. 28.....	207		
Nov. 28.....	141.5	Dec. 30.....	199		
Dec. 27.....	133	1930—			
1928—		Jan. 27.....	187		
Jan. 30.....	123	Feb. 17.....	182		
Mar. 26.....	106	May 26.....	170		
June 25.....	113	June 30.....	192		
July 30.....	135	Aug. 25.....	210		
Sept. 24.....	166.3	Oct. 27.....	214.3		
Oct. 29.....	178	Dec. 29.....	187.5		
Nov. 26.....	159				
Dec. 31.....	152				

Measurements from Lytle Creek Water and Improvement Company.

D-1189b-F-26, LYTLE CREEK WATER & IMPROVEMENT COMPANY, LOWER GROUP
NO. 3. MAP 7

Location and description—0.88 miles due north and 0.1 miles east of intersection of Riverside Avenue and Highland Avenue, northwest of San Bernardino.

Reference point—Top of 1 beam, 2.0 feet above ground.

Elevation of reference point—1410, from Met. W. D. topog. by D. W. R.

Use—Not used.

Depth of well—410 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 206, San Bernardino Quad.; Location No. 18734.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1914—		1927—		1929—	
Sept. 19.....	19.8	May 30.....	119	Jan. 7.....	172
1915—		July 25.....	138	Feb. 11.....	159.5
Jan. 15.....	14.2	Aug. 29.....	152	Mar. 22.....	151.5
Feb. 4.....	8.5	Sept. 26.....	167	May 27.....	152.5
1918—		Nov. 28.....	150.5	June 24.....	176
May 23.....	99	1928—		July 22.....	195
June 17.....	100	Jan. 16.....	^a 134.5		
		Mar. 12.....	^a 116.5		
		May 14.....	^a 119.5		
		July 16.....	^a 126.0		
		Aug. 13.....	^a 156.0		
		Sept. 24.....	^a 176.0		
		Nov. 5.....	^a 181.0		
		Dec. 31.....	^a 162		

^a Measurement from Lytle Creek Protective Association.

Measurements from Lytle Creek Water and Improvement Company except as noted.

D-1191-F-26, LYTLE CREEK WATER & IMPROVEMENT COMPANY, STEAM PLANT. MAP 7

Location and description—600 feet south of Highland Avenue and 900 feet east of Eucalyptus Avenue, west of San Bernardino. Pit.

Reference point—(a) Top of plank cover, 0.4 feet above ground; (b) Top of 4-inch pipe, 1.8 feet above ground.

Elevation of reference point—(a) 1300.5; (b) 1301.9; from levels by W. P. Rowe.

Use—Abandoned.

Depth of well—110 feet.

Other numbers used—Riverside Water Co. No. 334a, San Bernardino; W. P. Rowe No. 270A.; Location No. 18746.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912—		1916—		1919—	
Jan. 7.....	^a 64	April 2.....	^a 415.6	Mar. 12.....	^a 102.8
Feb. 28.....	^a 96	June 16.....	^a 35.0	April 17.....	^b 95.5
1913—		Nov. 1.....	^a 457.6	May 7.....	^b 101.1
June 17.....	^a 101	Dec. 31.....	^a 456.3	1922—	
1914—		1917—		Mar. 22.....	^b 104.5
Mar. 11.....	^a 75	Mar. 29.....	^a 35.5	April 19.....	^b 81.6
April 20.....	^a 64	May 3.....	^b 50.8	July 5.....	^b 70.5
June 4.....	^a 65.7	July 20.....	^b 67.8	Sept. 29.....	^b 101.6
Oct. 27.....	^a 103	Aug. 23.....	^b 479.5	Dec. 8.....	^b 110.0
Dec. 9.....	^a 101.6	1918—			Destroyed
1915—		Jan. 2.....	^b 499.8		
Jan. 6.....	^a 92.3	Mar. 21.....	^b 84.6		
Mar. 29.....	^a 55.8	April 12.....	^a 73.0		
May 19.....	^a 46.4	June 9.....	^b 86.8		
July 7.....	^a 58.3	Aug. 1.....	^b 103.0		
Oct. 21.....	^a 89.6	Sept. 25.....	^d 115		
Nov. 26.....	^a 92				

^a Reference point (a) used.

^b Reference point (b) used.

^c Measurement from Fontana Union Water Company.

^d Measurement from W. P. Rowe.

^e Dry at this depth.

Measurements from Lytle Creek Water and Improvement Company except as noted.

D-1191b-F-26, CITIZENS LAND & WATER COMPANY, LORD NO. 2. MAP 7

Location and description—0.52 miles north of Base Line Avenue and 150 feet west of Meridian Avenue, west of San Bernardino. 125-foot concrete pit.

Reference point—Cross on north side of concrete pit, at ground.

Elevation of reference point—1264.8, from levels by W. P. Rowe.

Use—Water conservation.

Depth of well—500 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I. No. 217, San Bernardino Quad.; Location No. 18747.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1930—	
Sept. 18	252	Jan. 25	227	June 14	317
Nov. 3	251.5	Mar. 20	225.0	Aug. 30	344
Dec. 1	240.8	May 6	*255.8	Oct. 25	316
		Aug. 27	*278.8	Nov. 29	320
1927—		Oct. 30	*284.8	Dec. 4	318
Feb. 25	220.3	Nov. 30	277.8		
April 28	211	Dec. 30	275	1931—	
June 2	*227.3			Jan. 6	317
Sept. 20	*260	1929—		Mar. 8	312
Nov. 10	242	Jan. 30	273.3	April 6	304.5
Dec. 17	241.3	Mar. 19	255.8		
		May 4	304		
		July 7	321		
		Sept. 7	337		
		Nov. 2	337		

* Pumping.

Measurements from Citizens Land and Water Company.

D-1192c-F-26, CITIZENS LAND & WATER COMPANY, NEW FERGUSON NO. 1. MAP 7

Log Available

Location and description—3000 feet north of Highland Avenue, 200 feet east of Sycamore Avenue (produced), northwest of San Bernardino.

Reference point—Air gage.

Elevation of reference point—1378, from Mct. W. D. topog. by D. W. R.

Use—Irrigation.

Depth of well—495 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 18735C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1929—	
Jan. 5	*106	Jan. 25	157	Jan. 27	189
Sept. 30	*236	Mar. 20	137.6	Mar. 19	171
Nov. 26	210	April 26	145	April 13	211
Dec. 11	188	May 21	157	May 18	265
		June 21	*267	June 1	318
1927—		July 30	*340.2		
Jan. 4	172	Sept. 30	*372	1930—	
Mar. 30	115	Oct. 30	310	May 19	191
April 28	106	Dec. 30	299.7	June 13	269
June 2	*224			Aug. 2	322
Sept. 10	*204.7			Sept. 27	367
Nov. 10	*207			Nov. 2	342
Dec. 17	183			Dec. 8	251

* Measurement from W. P. Rowe.

^b Pumping.

Measurements from Citizens Land and Water Company except as noted.

D-1253-D-24, FONTANA UNION WATER COMPANY, MILLER NARROWS NO. 2. MAP 7

Location and description—2.6 miles northwesterly along Lytle Creek Canyon Road from bridge in canyon, and 50 feet west of Lytle Creek Canyon Road, in Lytle Creek Canyon, northwest of San Bernardino. North one of two concrete caissons.

Reference point—Top of concrete pit, 5.0 feet above ground.

Elevation of reference point—2760, from U. S. G. S. topog. by D. W. R.

Use—Irrigation.

Other numbers used—Location No. 19416.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1918—		1920—		1921—	
Dec. 6.....	11 0	Feb. 5.....	13 2	Jan. 7.....	12 6
		Mar. 19.....	9 2	Mar. 21.....	9 0
1919—		April 5.....	8 9	April 19.....	11 5
Mar. 14.....	13.4	May 6.....	9.7	May 26.....	9 3
May 14.....	39.9	Nov. 12.....	10 2	June 30.....	11 7
June 4.....	40.2				
Oct. 3.....	37.5			1922—	
Dec. 24.....	11.3			July 5.....	11 2
				Sept. 29.....	12 8

Measurements from W. P. Rowe.

D-1255-D-24, FONTANA UNION WATER COMPANY. MAP 7

Location and description—75 feet west of Lytle Creek Canyon Road, 0.6 miles northwesterly along Lytle Creek Canyon Road from bridge in canyon, concrete caisson in middle of Lytle Creek Wash, northwest of San Bernardino.

Reference point—Top of concrete pit, 5 feet above ground.

Elevation of reference point—2505, from U. S. G. S. topog. by D. W. R.

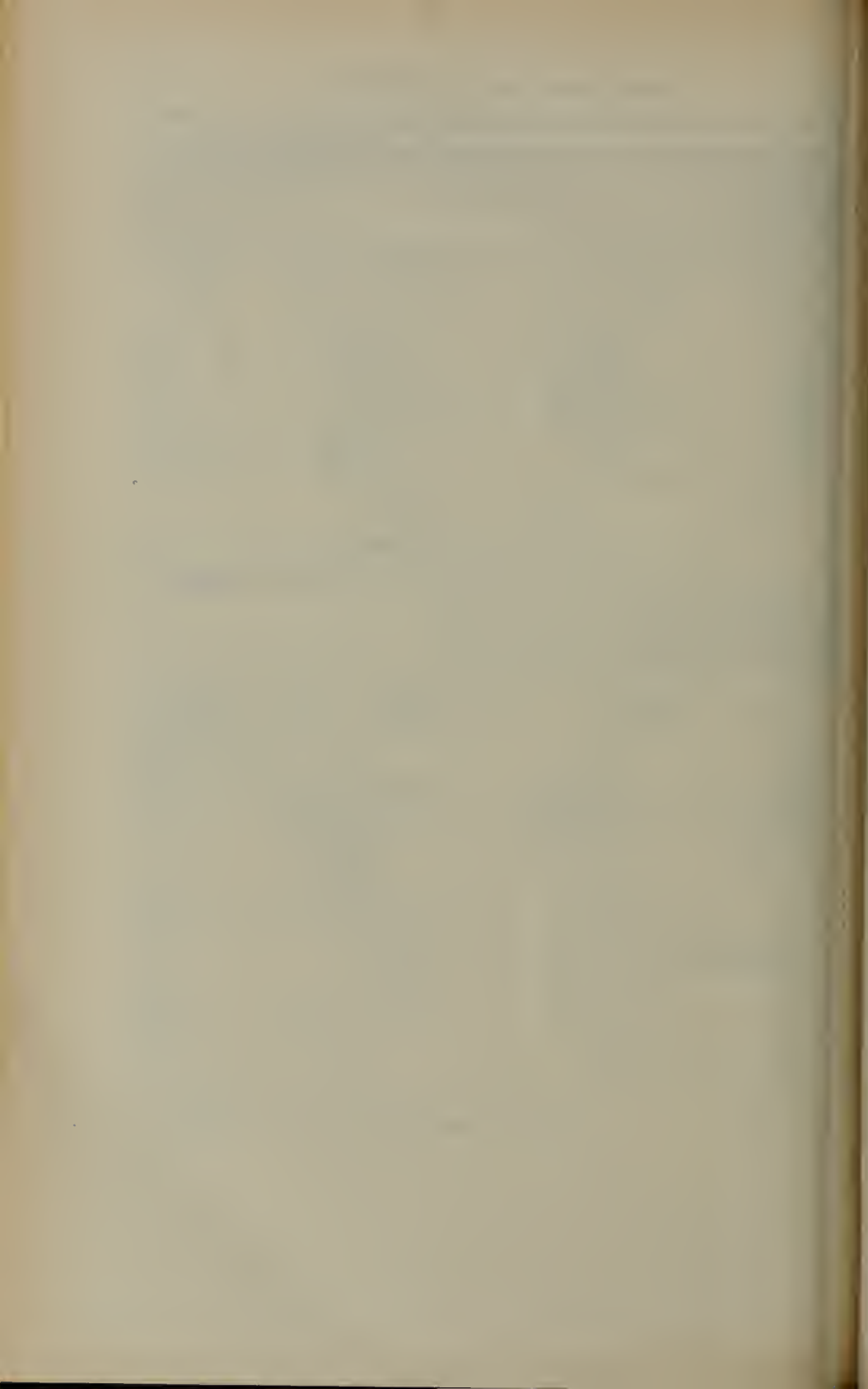
Use—Irrigation and domestic.

Other numbers used—Location No. 19437.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1919—		1920—		1921—	
May 14.....	46.3	Feb. 5.....	36 2	Jan. 7.....	30 0
June 20.....	53.6	Mar. 19.....	20.4	Mar. 21.....	22 8
Sept. 3.....	60.7	May 6.....	23.8	May 26.....	38.3
Nov. 1.....	62.0	June 14.....	40.0	June 30.....	46.2
Dec. 23.....	56.6	Sept. 17.....	50 6	Nov. 9.....	54.5
		Nov. 12.....	50.6	Dec. 17.....	54 0
				1922—	
				July 5.....	*13 0
				Sept. 29.....	20 2

* Outside water running in.

Measurements from W. P. Rowe.



SOUTH COASTAL BASIN INVESTIGATION

Records of Ground Water Levels at Wells
in District "E"



E-1-E-27, CITY OF SAN BERNARDINO—DEVIL CANYON NO. 4. MAP 7

Location and description—4250 feet north of Belmont Avenue along Pine Avenue produced, 950 feet east of Pine Avenue, produced, 50 feet north of fence at mouth of Devil's Canyon, north of San Bernardino. 8-foot caisson.

Reference point—Top of concrete pit, at ground.

Elevation of reference point—1891.5, from levels by State Div. E. and I.

Use—Municipal and domestic.

Depth of well—50 feet.

Other numbers used—S. B. W. D. No. 29; State Div. E. and I. No. 99, San Bernardino Quad.; Location No. 19569.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1929—		1930—	
July 3.....	*4	Jan. 14.....	19.1	Jan. 3.....	19.5
		Mar. 27.....	15.1	Mar. 9.....	14.8
1927—		June 24.....	18.4	May 7.....	14.1
Dec. 17.....	*17.5	Aug. 14.....	18.7	July 7.....	18.1
		Sept. 28.....	20.0	Sept. 5.....	20.1
1928—		Oct. 3.....	19.9	Dec. 8.....	33.0
Feb. 2.....	17.9	Dec. 9.....	20.0		
April 2.....	17.5			1931—	
June 2.....	19.0			Jan. 5.....	36.1
July 3.....	19.4			April 2.....	28.9
Aug. 2.....	18.5				
Sept. 4.....	19.1				
Dec. 5.....	17.8				

* Measurement from Division of Water Resources.

Measurements from San Bernardino Water Department except as noted.

E-2-E-27, CITY OF SAN BERNARDINO—DEVIL CANYON NO. 2. MAP 7

Log Available

Location and description—850 feet south of Belmont Avenue, 1270 feet east of Pine Avenue, northwest of San Bernardino.

Reference point—Top of floor, 4 feet above ground.

Elevation of reference point—1621.6, from levels by W. P. Rowe.

Use—Municipal.

Depth of well—450 feet.

Diameter of casing—26 inches.

Other numbers used—S. B. W. D. No. 85; Location No. 18750.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Oct. 13.....	181.2	Jan. 5.....	183.5	Jan. 4.....	196.5
Nov. 14.....	180.4	April 2.....	185.4		
Dec. 4.....	182.1	June 5.....	190.3		
		Sept. 3.....	196.6		

Measurements from W. P. Rowe.

E-2a-E-27, CITY OF SAN BERNARDINO—DEVIL CANYON NO. 1. MAP 7

Location and description—1400 feet south along Pine Avenue from Belmont Avenue, then 5500 feet east at right angles to well, northwest of San Bernardino.

Reference point—Top of casing, at ground.

Elevation of reference point—1529.8, from levels by W. P. Rowe.

Use—Domestic.

Depth of well—290 feet.

Diameter of casing—20 inches.

Other numbers used—S. B. W. D. No. 28; State Div. E. and I. No. 76, San Bernardino Quad.; Location No. 18761.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1929—		1931—	
July 5.....	^a 94.1	Jan. 14.....	211.4	Jan. 5.....	210.0
1926—		April 18.....	209.4	Mar. 4.....	211.5
Feb. 12.....	^a 179.4	June 5.....	204.8	May 4.....	212.1
		July 29.....	208.3	July 31.....	213.9
1927—		Oct. 4.....	208.9	Sept. 3.....	217.0
Dec. 17.....	^a 205.4	Nov. 6.....	208.0	Oct. 6.....	216.7
		1930—		Nov. 10.....	220.5
1928—		Jan. 3.....	208.1	1932—	
Feb. 2.....	210.7	Mar. 9.....	210.4	Jan. 4.....	218.1
Mar. 22.....	201.9	June 6.....	209.7		
June 2.....	205.4	Aug. 7.....	212.3		
Sept. 6.....	212.0	Oct. 13.....	209.0		
Oct. 1.....	211.0	Dec. 8.....	209.8		
Dec. 5.....	211.6				

^a Measurement from Division of Water Resources.

Measurements from San Bernardino Water Department except as noted.

E-4-F-27, MUSCOY RANCH SYNDICATE (FORMERLY COPE RANCH). MAP 7

Location and description—125 feet south of Ogden Street, 150 feet west of Cajon Boulevard, northwest of San Bernardino.

Reference point—Top of hole in pump base, at ground.

Elevation of reference point—1403.1, from levels by J. B. Lippincott.

Use—Not used.

Depth of well—132 feet.

Diameter of casing—10 inches.

Other numbers used—S. B. W. D. No. 46; U. S. G. S. unpublished "Z" well; State Div. E. and I. No. 73, San Bernardino Quad.; Location No. 18764.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1919—		1922—		1927—	
May 17.....	^a 97.8	Jan. 11.....	^a 115.3	Mar. 24.....	^b 118.6
July 25.....	^a 99.5	Mar. 14.....	^a 116.7	Oct. 3.....	^b 119.3
Aug. 23.....	^a 99.9	April 23.....	^a 115.0	Nov. 1.....	^b 119.6
Dec. 23.....	^a 102.2	July 5.....	^a 121.4	Dec. 13.....	119.9
		Sept. 30.....	^a 113.7		
1920—		Dec. 5.....	^a 114.1	1928—	
Feb. 8.....	^a 102.9			Jan. 3.....	120.2
Mar. 25.....	^a 104.0	1924—		Mar. 30.....	120.9
Sept. 23.....	^a 107.2	Oct. 8.....	^a 100.9	Aug. 1.....	126 Dry
Nov. 16.....	^a 109.4			Oct. 29.....	120.0
		1925—		Dec. 22.....	126 Dry
1921—		May 20.....	^b 105.1		
Feb. 19.....	^a 110.3	Oct. 27.....	^b 108.6	1929—	
Mar. 28.....	^a 112.3			Feb. 2.....	121.4
July 19.....	^b 113.3	1926—		April 8.....	122.6
		Jan. 6.....	^c 111.0	July 12.....	124.0
		May 27.....	^b 113.8	Oct. 3.....	124.3
				Dec. 5.....	124.8

^a Measurement from W. P. Rowe.

^b Measurement from J. B. Lippincott.

^c Measurement from Division of Water Resources.

Measurements from San Bernardino Water Department except as noted.

Well dry throughout 1930.

E-4a-F-27, RIGALI & VESELICH. MAP 7

Log Available

Location and description—0.2 mile north of Mallory Street, 15 feet east of California Street, northwest of San Bernardino.

Reference point—Pump base, 1 foot above ground.

Elevation of reference point—1303.4, from levels by State Div. E. and I.

Use—Not used.

Depth of well—429 feet.

Diameter of casing—16 inches.

Other numbers used—S. B. W. D. No. 44; State Div. E. and I. No. 122A, San Bernardino Quad.;

Location No. 18765A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1930—Cont.	
July 12.....	*182.0	Mar. 8.....	204.5	July 8.....	205.7
Nov. 1.....	*186.7	April 8.....	214.3	Oct. 1.....	208.3
		May 1.....	224.6	Dec. 8.....	212.0
1928—		June 3.....	198.7		
Jan. 3.....	187.5	Aug. 9.....	208.8	1931—	
April 1.....	187.9	Sept. 9.....	212.0	Jan. 5.....	212.2
June 1.....	189.4	Nov. 4.....	202.1	Mar. 5.....	211.0
Aug. 1.....	191.7	Dec. 5.....	215.9	May 5.....	212.0
Oct. 31.....	195.0			July 3.....	213.4
Dec. 22.....	199.8	1930—		Sept. 4.....	216.1
		Jan. 2.....	211.7	Nov. 17.....	218.8
		Feb. 6.....	203.9		
		May 7.....	204.7	1932—	
		June 6.....	210.0	Jan. 4.....	218.0

* Measurement from J. B. Lippincott.

Measurements from San Bernardino Water Department except as noted.

E-5-F-27, RIVERSIDE HIGHLAND WATER COMPANY—LYTLE CREEK NO. 2. MAP 7

Location and description—0.5 miles north of Base Line Avenue 350 feet east of Meridian Avenue (produced), northwest of San Bernardino.

Reference point—Top of concrete curb, southeast side, at ground.

Elevation of reference point—1257.7, from levels by W. P. Rowe.

Use—Irrigation.

Depth of well—514 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 18756B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1914—		1917—		1920—	
Jan. 2.....	84	Jan. 4.....	32	Feb. 6.....	129
Mar. 19.....	49	Mar. 15.....	14	April 22.....	89
May 23.....	39	April 21.....	33	Oct. 28.....	169
Oct. 22.....	82	June 14.....	40	Dec. 29.....	143
		Oct. 5.....	78		
1915—		Dec. 30.....	76	1921—	
Jan. 21.....	60			Feb. 21.....	134
May 17.....	23	1918—		April 4.....	129
June 24.....	47	Feb. 20.....	73	Oct. 1.....	190
Oct. 23.....	76	April 11.....	45	Nov. 21.....	195
Dec. 22.....	57	June 24.....	74	Dec. 30.....	174
		Aug. 2.....	83		
1916—		Nov. 13.....	98	1922—	
Jan. 20.....	40			Feb. 23.....	109
Feb. 3.....	23			April 10.....	58
April 1.....	5	1919—		May 15.....	42
May 11.....	28	Jan. 2.....	78	June 26.....	48
July 27.....	45	April 4.....	64	Nov. 12.....	*104
Sept. 21.....	51	June 9.....	85	Dec. 26.....	76
Oct. 26.....	32	Oct. 4.....	132		
		Nov. 6.....	113		

E-5-F-27, RIVERSIDE HIGHLAND WATER COMPANY—LYTLE CREEK NO. 2. MAP 7
—Continued

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923—		1925—		1927—	
Jan. 8.....	67	Jan. 14.....	^c 167	Mar. 2.....	216
Mar. 9.....	^c 46	Feb. 19.....	185	May 1.....	200
June 11.....	86	April 19.....	^c 173	July 11.....	228
Aug. 13.....	112	Oct. 5.....	229	Sept. 11.....	241
Oct. 17.....	147	Nov. 27.....	^b 228	Oct. 2.....	244
Dec. 25.....	^b 117			Dec. 30.....	229
1924—		1926—		1928—	
Jan. 24.....	112	Jan. 5.....	206	Feb. 1.....	^d 228.6
April 27.....	^c 114	Feb. 15.....	224	Mar. 1.....	^d 232.6
July 7.....	167	Mar. 15.....	205	April 1.....	^d 237.0
Oct. 13.....	197	May 12.....	^c 198		
Dec. 16.....	^b 180	July 12.....	232		
		Oct. 27.....	256		
		Dec. 30.....	^b 230		

^a Pumped since July.

^b Pumping stopped.

^c Pumping started.

^d Measurement from Lytle Creek Protective Association.

Measurements from plotted points on graph of Riverside Highland Water Company except as noted.

E-5e-F-27, MT. VERNON WATER COMPANY. MAP 7

Log Available

Location and description—75 feet south of Highland Avenue, 0.13 miles west of California Avenue.

San Bernardino. East one of two wells, 150 feet apart.

Reference point—Bottom of pump base, at ground.

Elevation of reference point—1258.9, from levels by W. P. Rowe.

Use—Irrigation.

Depth of well—598 feet.

Diameter of casing—20 inches.

Other numbers used—W. P. Rowe No. 178; E. T. Ham No. 16; S. B. W. D. No. 48; Location No. 18766.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—	
May 1.....	151.4	Jan. 2.....	170.8	Jan. 4.....	185.3
July 1.....	151.9	Feb. 6.....	164.0	Feb. 9.....	181.0
Dec. 28.....	149.0	July 8.....	168.9	April 3.....	181.5
1929—		Oct. 13.....	185.0	May 5.....	185.1
Feb. 2.....	157.8	Dec. 8.....	184.1	Nov. 17.....	183.0
April 8.....	158.8			1932—	
May 1.....	159.8			Jan. 5.....	183.2
July 12.....	163.0				
Nov. 4.....	169.4				
Dec. 5.....	178.3				

Measurements from San Bernardino Water Department.

E-6-F-27, CITY OF SAN BERNARDINO—LYTLE CREEK WELL. MAP 7

Log Available

Location and description—0.25 miles north of Base Line Avenue, 75 feet west of Meridian Avenue, extended north, west of San Bernardino. West well.

Reference point—Cross on top of cement curb, north side, at ground.

Elevation of reference point—1247.1, from levels by W. P. Rowe.

Use—Not used.

Depth of well—975 feet.

Other numbers used—W. P. Rowe No. 92; S. B. W. D. No. 39A; State Div. E. and I. No. 65A, San Bernardino Quad.; Location No. 18757.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1926—Cont.		1929—	
April 13.....	17.9	Aug. 28.....	225.0	Jan. 1.....	242.0
Nov. 30.....	51.4	Sept. 18.....	226.5	Feb. 1.....	240.0
		Oct. 17.....	230	April 18.....	236.0
1916—		Dec. 17.....	215	June 1.....	255.0
Mar. 25.....	Flowing			Sept. 1.....	276.0
		1927—		Dec. 1.....	277.0
1922—		Jan. 18.....	207		
Mar. 15.....	69.0	April 14.....	190	1930—	
July 19.....	56.8	July 16.....	220	Jan. 1.....	273.0
		Sept. 19.....	234	Mar. 1.....	262.0
1923—		Oct. 18.....	236	May 1.....	257.0
July 16.....	93.0	Dec. 10.....	220	June 1.....	264.0
				Aug. 1.....	292.0
1924—		1928—		Sept. 1.....	299.0
Oct. 27.....	197.0	Jan. 22.....	211.0	Oct. 14.....	Over 300.0
		Feb. 16.....	205.0	Dec. 3.....	286.0
1926—		April 1.....	208.0		
Jan. 2.....	196.0	June 2.....	233.0	1931—	
Mar. 31.....	203.0	Aug. 1.....	245.0	Jan. 1.....	280.0
April 24.....	191.0	Nov. 1.....	256.0	Mar. 1.....	272.0
July 4.....	213.0	Dec. 5.....	244.0	May 1.....	278.0
				June 22.....	292.0
				Aug. 1.....	301.0
				Oct. 1.....	Over 300.0

Measurements from W. P. Rowe to and including June 2, 1928, then from San Bernardino Water Department.

E-6b-F-27, CITIZENS LAND & WATER COMPANY—OLD RAYNOR NO. 1. MAP 7

Log Available

Location and description—230 feet north of Base Line Avenue and 2000 feet east of Meridian Avenue, west of San Bernardino, 30 feet south of New Raynor No. 1.

Reference point—Cross on 1 beam, 2.2 feet above ground, to and including February 11, 1931; then, top of $\frac{3}{4}$ -inch measuring pipe, 2.0 feet above ground.

Elevation of reference point—1206.4, to and including February 11, 1931; then, 1206.2; from levels by owner.

Use—Irrigation.

Depth of well—592 feet.

Other numbers used—W. P. Rowe No. 226; State Div. E. and I. No. 66A, San Bernardino Quad.; E. T. Ham No. 1; Location No. 18757B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1927—Cont.		1931—	
Oct. 18.....	207	July 26.....	180	Jan. 6.....	241
Dec. 28.....	174.0	Sept. 20.....	186	Feb. 11.....	243
		Dec. 17.....	178	June 6.....	*245.6
1927—				Aug. 12.....	*261.4
Jan. 4.....	184.3	1928—		Oct. 9.....	*255.3
April 6.....	157.8	Feb. 26.....	168.1	Dec. 7.....	*250.0
June 2.....	161.4	April 21.....	172.3		
		June 2.....	198.1		
		July 2.....	192.1		

* Measurement from E. T. Ham.

Measurements from Citizens Land and Water Company except as noted.

E-7-G-27, CITIZENS LAND & WATER COMPANY—OLD RAYNOR NO. 4. MAP 7

Log Available

Location and description—400 feet south of Ninth Street and 1300 feet east of Terrace Street, west of San Bernardino. 12 feet south of New Raynor No. 4

Reference point—Top of casing, at ground, to and including May 6, 1931, then, top of measuring pipe, 2.0 feet above ground.

Elevation of reference point—1160.0, to and including May 6, 1931; then, 1162.0, from levels by owner.

Use—Irrigation.

Depth of well—636 feet.

Other numbers used—E. T. Ham No. 2; Location No. 18768.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1930—	
Feb. 25.....	63.4	Jan. 6.....	^a 146	May 1.....	^a 104
Sept. 20.....	^a 71	Feb. 9.....	^a 104	June 1.....	^a 119
1928—		Mar. 10.....	69	Aug. 1.....	^a 169
Jan. 25.....	67	April 8.....	67	Nov. 1.....	^a 167
Mar. 20.....	67.0	May 18.....	^a 154.6	Dec. 4.....	91
April 21.....	^a 153.2	Sept. 7.....	167		
May 6.....	^a 175.0	Oct. 5.....	^a 172	1931—	
Sept. 1.....	^a 169.5	Dec. 7.....	^a 169	Jan. 6.....	90
Oct. 23.....	104.6			April 6.....	89
Dec. 3.....	^a 168			May 6.....	90.2
				June 6.....	^b 92.0
				July 7.....	^b 94.1
				Aug. 12.....	^b 91.7
				Oct. 9.....	^b 98.1
				Nov. 14.....	^b 100.4
				Dec. 7.....	^b 99.1

^a Pumping 25 feet north.

^b Measurement from E. T. Ham.

Measurements from Citizens Land and Water Company except as noted.

E-8-G-27, R. W. MARTZ (FORMERLY JOSEPH BENIS). MAP 7

Location and description—200 feet south of Fifth Street, 0.98 miles west of Mt. Vernon Avenue, between old and new Lytle Creek washes, San Bernardino. The more northerly of two abandoned open casings.

Reference point—At ground, to and including October 16, 1912; then, top of casing, 1.6 feet above ground.

Elevation of reference point—1129.2, to and including October 16, 1912; then, 1130.8; from levels by Riverside Water Company.

Use—Not used.

Depth of well—48 feet.

Diameter of casing—8 inches.

Other numbers used—W. S. P. 468, No. 86; R. W. Co. No. 444, San Bernardino; Location No. 18769.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1916—		1919—	
Oct.	^a 17.0	Mar. 15.....	^b 5.3	Jan. 3.....	8.6
1904—		July 17.....	11.0	Mar. 3.....	7.6
Oct.	^a 37.0	Sept. 12.....	11.2	June 12.....	11.8
		Dec. 21.....	7.9	Sept. 26.....	16.1
1909—				Dec. 15.....	12.7
Oct. 15-17.....	^a 13.0	1917—		1920—	
		Jan. 22.....	6.0	Jan. 5.....	12.4
1912—		Mar. 5.....	6.2	April 8.....	10.9
Oct. 16.....	^a 9.0	June 5.....	8.2	July 7.....	18.2
		Oct. 5.....	11.2	Oct. 6.....	23.7
1914—		Dec. 6.....	9.7	Nov. 4.....	16.3
Oct. 26.....	^a 17.3	1918—		Dec. 6.....	20.6
1915—		Jan. 7.....	8.0		
Feb. 24.....	^b 11.6	April 8.....	5.6		
July 17.....	^b 16.4	Aug. 9.....	12.9		
Oct. 15.....	^b 19.9	Oct. 14.....	9.6		
		Dec. 6.....	8.5		

E-8-G-27, R. W. MARTZ (FORMERLY JOSEPH BEMIS). MAP 7—Continued

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1923—		1925—	
Jan. 7.....	19.2	Jan. 8.....	19.8	Jan. 24.....	22.8
Feb. 10.....	18.6	Mar. 8.....	16.5	April 13.....	23.0
June 3.....	20.7	May 12.....	22.3	Sept. 23.....	39.3
Nov. 3.....	33.4	July 7.....	24.9	Nov. 21.....	33.9
Dec. 10.....	33.1	Sept. 17.....	27.6	Dec. 30.....	30.0
		Nov. 8.....	23.3		
1922—		1924—		1926—	
Jan. 11.....	23.5	Jan. 10.....	19.4	Feb. 18.....	30.4
April 8.....	11.4	April 3.....	18.9	April 20.....	30.5
July 12.....	19.7	Aug. 22.....	33.4	July 16.....	41.3
Nov. 3.....	25.9	Nov. 13.....	24.2	Aug. 14.....	Plugged
Dec. 5.....	22.2				

^a Measurement from United States Geological Survey (Water Supply Paper 468).

^b Measurement from Riverside Water Company.

Measurements from Water Conservation Association except as noted.

E-10-E-27, CITY OF SAN BERNARDINO—NEWMARK WELL. MAP 7

Location and description—300 feet north of A Street, 0.49 miles west of Third Avenue, San Bernardino.

Reference point—Top of casing, 0.5 feet below ground, to and including August 1, 1918; then hole in pump base, at ground.

Elevation of reference point—1412.4, to and including August 1, 1918; then, 1412.9; from levels by W. P. Rowe.

Use—Municipal.

Depth of well—410 feet.

Diameter of casing—24 inches.

Other numbers used—State Div. E. and I. No. 77, San Bernardino Quad.; S. B. W. D. No. 27; U. S. G. S. unpublished "Y" well; Location No. 18782.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1918—		1922—		1929—	
Mar. 13.....	80	Jan. 10.....	132.9	Jan. 15.....	167.2
June 9.....	83.6	April 23.....	127.1	Mar. 27.....	166.7
Aug. 1.....	85.9	July 5.....	117.6	May 6.....	166.9
Dec. 5.....	93.6	Sept. 24.....	108.9	Oct. 3.....	172.3
		Dec. 5.....	103.8	Nov. 6.....	175.8
1919—		1923—		1930—	
Mar. 12.....	99.0	May 15.....	97.7	Jan. 3.....	173.1
May 7.....	102.1			Mar. 11.....	174.1
Oct. 13.....	109.6	1924—		May 29.....	174.9
Dec. 23.....	113.3	Mar. 3.....	97.7	Oct. 13.....	177.3
		Oct. 4.....	^a 105	Dec. 8.....	^b 176.7
1920—		1926—		1931—	
Feb. 8.....	115.1	Jan. 6.....	131.6	Jan. 5.....	^b 177.9
May 14.....	124.6	April 30.....	136.0	Mar. 4.....	^b 177.5
July 16.....	125.3			June 5.....	^b 178.5
Sept. 23.....	141.2	1927—		July 4.....	^b 180.7
Nov. 16.....	123.5	June 21.....	153.3	Sept. 3.....	^b 179.1
		Dec. 17.....	^a 168.8	Oct. 6.....	^b 180.0
1921—		1928—		Nov. 20.....	^b 179.6
Feb. 19.....	126.6	Feb. 2.....	168.9		
June 3.....	128.7	April 3.....	160.4	1932—	
Oct. 13.....	132.4	Oct. 4.....	167.6	Jan. 5.....	^b 180.0
Nov. 13.....	133.2	Dec. 5.....	167.0		

^a Measurement from Division of Water Resources.

^b Measurement from San Bernardino Water Department.

Measurements from W. P. Rowe except as noted.

E-15-G-27, WILSON J. BEMIS (FORMERLY MR. BROOKS). MAP 7

Location and description—100 feet south of Fifth Street, 0.47 miles west of Mt. Vernon Avenue, San Bernardino.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—1119.9, from levels by W. P. Rowe.

Use—Domestic.

Depth of well—140 feet.

Diameter of casing—3 inches.

Other numbers used—S. B. W. D. No. 77, W. P. Rowe No. 170; E. T. Ham No. 36; Location No. 18779C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1930—Cont.		1931—Cont.	
May 3.....	*13.3	July 8.....	61.0	Mar. 4.....	52.3
1916—		Sept. 5.....	65.5	May 5.....	62.3
April 4.....	*Flowing	Oct. 10.....	61.1	Aug. 1.....	70.5
		Dec. 9.....	54.4	Oct. 10.....	71.6
1930—		1931—		Nov. 16.....	68.1
Mar. 10.....	47.5	Jan. 4.....	54.1	1932—	
April 3.....	47.3	Feb. 9.....	50.2	Jan. 5.....	60.8
May 7.....	48.0				

* Measurement from W. P. Rowe.

Measurements from San Bernardino Water Department except as noted.

E-16-F-27, CAJON DEVELOPMENT COMPANY. MAP 7

Location and description—200 feet north of Highland Avenue, 150 feet east of Mt. Vernon Avenue, San Bernardino.

Reference point—Top of casing, 1.3 feet above ground.

Elevation of reference point—1192, from Met. W. D. topog. by D. W. R.

Use—Domestic.

Diameter of casing—8 inches.

Other numbers used—S. B. W. D. No. 71; Location No. 18786.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Feb. 2.....	*94.7	Mar. 9.....	102.1	Jan. 4.....	107.1
Mar. 8.....	*95.6	June 6.....	103.0	April 3.....	108.0
May 1.....	*94.9	Aug. 4.....	104.3	June 4.....	109.1
Aug. 9.....	*102.0	Oct. 13.....	105.9	Sept. 4.....	111.4
Oct. 3.....	*99.5	Dec. 8.....	107.0	Nov. 17.....	113.3
Nov. 2.....	*99.1			1932—	
Dec. 10.....	100.9			Jan. 4.....	113.8

* Measurement from Muscoy Mutual Water Company.

Measurements from San Bernardino Water Department except as noted.

E-16a-F-27, CHARLES HEWINS (FORMERLY OLDAKER). MAP 7

Location and description—0.14 miles south of Highland Avenue, 150 feet east of Mt. Vernon Avenue, San Bernardino.

Reference point—Top of casing, 1.5 feet above ground.

Elevation of reference point—1185.4, from levels by W. P. Rowe.

Use—Abandoned.

Depth of well—133 feet.

Diameter of casing—7 inches.

Other numbers used—W. P. Rowe No. 345; W. S. P. 142, No. 379, San Bernardino; Location No. 18786A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1889—		1906—		1918—	
July 9.....	*25.3	June 22.....	*80.9	Jan. 7.....	29.3
1890—		1907—		April 8.....	28.7
July 14.....	*25.9	July 13.....	*64.8	July 6.....	31.7
1891—		1908—		Sept. 9.....	33.3
July 7.....	*24.5	July 26.....	*57.3	Oct. 14.....	30.1
1892—		1909—		Dec. 6.....	33.0
June 29.....	*25.8	July 21.....	*51.3	1919—	
1893—		1910—		Jan. 3.....	33.4
July 18.....	*25.5	July 26.....	*45.3	Mar. 5.....	33.9
1894—		1911—		June 12.....	38.5
July 11.....	*24.7	June 30.....	*40.7	Aug. 28.....	42.2
1895—		1912—		Nov. 7.....	41.2
July 1.....	*23.9	July 5.....	*37.8	Dec. 15.....	42.1
1896—		1913—		1920—	
July 7.....	*24.5	Aug. 26.....	*41.5	Jan. 5.....	42.4
1897—		1914—		Mar. 12.....	43.8
July 12.....	*36.0	Mar. 29.....	^b 45.1	June 5.....	47.7
1898—		Sept. 23.....	*43.7	Aug. 7.....	52.0
July 12.....	*35.8	1915—		Oct. 6.....	52.8
1899—		May 1.....	^b 48.5	Dec. 6.....	52.0
July 5.....	*50.3	Aug. 19.....	^c 48.7	1921—	
1900—		Oct. 18.....	^c 49.0	Jan. 7.....	52.7
July 7.....	*71.9	Dec. 23.....	^c 48.8	Mar. 5.....	53.6
1901—		1916—		June 3.....	55.8
June 30.....	*87.4	Jan. 13.....	^c 48.6	Sept. 9.....	62.2
1902—		April 2.....	^c 45.3	Nov. 3.....	62.0
July 10.....	*91.8	July 17.....	41.6	1922—	
1903—		Sept. 12.....	39.4	Jan. 11.....	63.1
July 7.....	*94.6	Dec. 21.....	35.8	Mar. 13.....	62.9
1904—		1917—		May 8.....	61.3
July 13.....	*96.2	Jan. 22.....	34.7	July 12.....	61.8
1905—		May 4.....	31.4	Sept. 13.....	65.4
July 2.....	*92.1	Aug. 6.....	33.0	Nov. 3.....	61.6
		Oct. 5.....	32.0	1923—	
		Dec. 6.....	29.4	Jan. 8.....	60.2
				April 7.....	57.9
				June 7.....	56.8
				Sept. 17.....	58.6
				Dec. 9.....	54.3
				1924—	
				Jan. 10.....	56.3
				Feb. 15.....	53.0
				Mar. 7.....	54.0
				April 3.....	Plugged Destroyed

* Measurement from F. C. Finkle.

^b Measurement from Fontana Union Water Company.

^c Measurement from W. P. Rowe.

Measurements from Water Conservation Association except as noted.

E-17-G-27, HENRY HENRICKSEN. MAP 7

Location and description—1191 Base Line Avenue, 85 feet south of Base Line Avenue, 0.16 miles east of Mt. Vernon Avenue, San Bernardino.

Reference point—Top of clamp, 1.2 feet above ground, to and including April 22, 1916; then, top of casing, 1.1 feet above ground, to and including August 4, 1930; then, at ground.

Elevation of reference point—1137.2, to and including April 22, 1916; then, 1137.1, to and including August 4, 1930, then, 1136.0; from levels by S. B. W. D.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—S. B. W. D. No. 36; W. P. Rowe No. 196; State Div. E. and I. No. 89A, San Bernardino Quad.; Location No. 18787.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1928—		1930—	
May 8.....	23.5	Feb. 2.....	48.3	Jan. 3.....	61.8
Aug. 19.....	24.6	April 30.....	50.0	April 3.....	61.3
Oct. 13.....	25.6	Aug. 4.....	55.0	Aug. 4.....	65.5
Dec. 23.....	24.5	Oct. 4.....	54.2	Nov. 14.....	63.7
		Dec. 5.....	55.6		
1916—		1929—		1931—	
Jan. 5.....	24.4	Jan. 15.....	56.9	Jan. 5.....	63.6
April 22.....	20.4	May 4.....	54.3	Mar. 5.....	65.3
		June 24.....	59.3	April 1.....	63.7
1927—		Sept. 28.....	62.3	June 3.....	64.5
Dec. 18.....	48.2	Nov. 6.....	60.8	July 2.....	65.5
		Dec. 9.....	61.5	Sept. 4.....	65.2
				Nov. 16.....	67.6
				1932—	
				Jan. 4.....	67.8

* Measurement from W. P. Rowe.

Measurements from San Bernardino Water Department except as noted.

E-18b-G-27, G. L. WETTEROTH. MAP 7

Location and description—200 feet north of Ninth Street, 100 feet west of Mt. Vernon Avenue, north-west of San Bernardino.

Reference point—At ground, to and including October 16-18, 1912; then, top of casing, 1.6 feet above ground.

Elevation of reference point—1128.4, to and including October 16-18, 1912; then, 1130; from Met. W. D. topog. by D. W. R.

Use—Not used.

Depth of well—40 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 468, No. 88; W. S. P. 142, No. 450, San Bernardino; Location No. 18788B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1917—		1923—	
Oct.	22.0	May 18.....	11.1	Mar. 2.....	27.3
		Nov. 23.....	10.8	May 21.....	27.4
1904—				Aug. 21.....	28.2
Oct.	40.0	1918—		Nov. 20.....	27.9
		May 2.....	8.9		
1906—		Oct. 11.....	9.8	1924—	
Oct.	50.5			Feb. 19.....	26.9
		1919—		Aug. 28.....	27.7
1907—		May 13.....	11.1	Nov. 26.....	28.1
Aug. 30.....	41.2	Nov. 5.....	14.6		
				1925—	
1909—		1920—		May 14.....	28.6
Oct. 15-17.....	23.7	May 14.....	15.8	Aug. 26.....	32.7
		Aug. 24.....	19.4	Oct. 23.....	31.3
1912—		Nov. 1.....	20.9		
Oct. 16-18.....	16.0			1926—	
		1921—		May 18.....	33.8
1914—		Feb. 23.....	21.5	Oct. 18.....	37.8
Oct. 26.....	19.8	May 14.....	22.7		
		July 12.....	24.6	1927—	
1915—				June 1.....	40.7
May 25.....	19.3	1922—		Aug. 22.....	43.3
Nov. 2.....	21.8	Mar. 23.....	27.1		
		May 24.....	26.3		
1916—		Aug. 21.....	27.4		
Nov. 17.....	14.4	Oct. 24.....	29.4		

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records).

NOTE.—February 27, 1928, well filled up to within 17 feet of reference point.

E-20c-F-27, N. M. SWARTHOUT. MAP 7

Location and description—0.20 miles south of Highland Avenue, 100 feet east of Santa Fe Loop tracks on I Street, San Bernardino.

Reference point—At ground, to and including October 15-17, 1909; then, top of casing, 1 foot above ground.

Elevation of reference point—1137.4, to and including October 15-17, 1909; then, 1138.4; from levels by W. P. Rowe.

Use—Abandoned.

Depth of well—75 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 468, No. 93; W. S. P. 142, No. 398, San Bernardino; Location No. 18796C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1916—		1921—	
Oct. -----	27.0	June 8 -----	15.8	Feb. 23 -----	23.4
1904—		Nov. 17 -----	12.6	May 14 -----	24.4
Oct. -----	48.0	1917—		July 12 -----	25.9
1906—		May 18 -----	8.3	Oct. 7 -----	28.6
Oct. -----	55.6	Nov. 23 -----	8.2	1922—	
1907—		1918—		Mar. 23 -----	28.5
Aug. 30 -----	46.8	May 2 -----	6.8	May 24 -----	26.6
1909—		Oct. 11 -----	9.9	Aug. 21 -----	26.8
Oct. 15-17 -----	28.6	1919—		Oct. 24 -----	27.6
1914—		May 13 -----	11.1	1923—	
Oct. 26 -----	21.2	Nov. 5 -----	15.2	Mar. 27 -----	26.4
1915—		1920—		May 21 -----	26.0
May 25 -----	20.6	May 14 -----	17.1	Aug. 21 -----	26.9
Nov. 2 -----	22.1	Aug. 24 -----	20.1	Nov. 20 -----	26.5
		Nov. 1 -----	22.0	1924—	
				Feb. 19 -----	25.6
					Destroyed

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records).

E-21-F-27, M. O. HERT (FORMERLY THOS. WEBSTER). MAP 7

Location and description—0.06 miles south of 16th Street, 100 feet east of I Street, San Bernardino.

Reference point—Top of casing, 0.2 feet above ground.

Elevation of reference point—1132.8 from levels by W. P. Rowe.

Use—Domestic.

Diameter of casing—7 inches.

Other numbers used—S. B. W. D. No. 82; W. S. P. 142, No. 397, San Bernardino; Location No. 18797

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1930—		1931—	
May 8 -----	*16.9	Mar. 11 -----	53.0	Jan. 4 -----	60.6
Nov. 30 -----	*19.6	May 6 -----	57.0	Mar. 5 -----	59.5
1916—		July 7 -----	60.3	June 4 -----	62.1
April 3 -----	*13.8	Sept. 5 -----	58.0	Aug. 3 -----	65.5
		Dec. 8 -----	59.0	Oct. 10 -----	67.8
				Nov. 17 -----	66.0
				1932—	
				Jan. 5 -----	64.5

* Measurement from W. P. Rowe.

Measurements from San Bernardino Water Department except as noted.

E-22-G-27, MISS BIRDIE WALSH. MAP 7

Location and description—100 feet east of H Street, 50 feet south of Seventh Street, 781 West Seventh Street, San Bernardino.

Reference point—Top of $\frac{1}{4}$ -inch pipe, 2.0 feet above ground.

Elevation of reference point—1082.0, from levels by W. P. Rowe.

Use—Not used.

Depth of well—158 feet.

Diameter of casing—2 inches.

Other numbers used—S. B. W. D. No. 41; W. P. Rowe No. 367; W. S. P. 468, well "A"; State Div. E. and I. No. 91, San Bernardino Quad.; Location No. 18798.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1921—		1929—	
July 3.....	a+13.2	Feb. 28.....	b5.7	Jan. 15.....	26.1
Sept. 11.....	a+18.5	Mar. 28.....	b5.9	Feb. 21.....	25.3
Dec. 27.....	a+8.5	June 3.....	b7.6	Mar. 27.....	29.3
		July 3.....	b12.9	May 4.....	27.5
1916—				Aug. 14.....	32.3
Jan. 26.....	a+5.3	1922—		Sept. 28.....	33.8
April 6.....	b+0.5	Jan. 16.....	b9.6	Oct. 15.....	b32.6
Oct. 4.....	a0.4	April 22.....	b7.2	Dec. 9.....	32.0
Dec. 31.....	b+3.6	July 4.....	b10.0		
		Sept. 24.....	b13.8	1930—	
1917—		Dec. 4.....	b8.9	Jan. 4.....	31.9
June 21.....	bFlowing			Feb. 7.....	29.1
July 10.....	b0.6	1924—		Mar. 9.....	29.9
		Oct. 28.....	b9.9	June 5.....	33.1
1918—				July 7.....	34.4
Jan. 2.....	bFlowing	1926—		Sept. 8.....	36.1
Dec. 4.....	b1.2	Jan. 11.....	b12.7	Oct. 10.....	35.8
				Dec. 9.....	34.1
1919—		1927—			
Mar. 12.....	b+1.2	Dec. 18.....	c20.5	1931—	
May 30.....	b0.7			Jan. 4.....	34.0
July 3.....	b4.6	1928—		Mar. 5.....	33.1
Aug. 8.....	b6.1	Feb. 2.....	20.0	April 1.....	35.4
Aug. 21.....	b1.6	April 2.....	20.5	June 4.....	37.1
		June 4.....	25.0	Aug. 1.....	40.0
1920—		Aug. 2.....	27.2	Oct. 10.....	40.5
Feb. 7.....	b1.6	Oct. 4.....	27.9	Nov. 16.....	38.9
June 19.....	b7.1	Dec. 5.....	27.0		
Sept. 20.....	b9.7			1932—	
				Jan. 5.....	36.2

a Measurement from Riverside Water Company.

b Measurement from W. P. Rowe.

c Measurement from Division of Water Resources.

Measurements from San Bernardino Water Department except as noted.

E-23-G-27, SOUTHERN CALIFORNIA ICE COMPANY—OLD WELL. MAP 7

Log Available

Location and description—300 feet north of Third Street, 75 feet west of I Street, San Bernardino. **Reference point**—Top of casing, 0.7 feet above ground, to and including March 1, 1928; then, hole in pump foundation, at ground.

Elevation of reference point—1070.0, to and including March 1, 1928; then, 1069.3; from levels by U. S. G. S.

Use—Domestic.

Depth of well—384 feet.

Diameter of casing—16 inches.

Other numbers used—State Div. E. and I. No. 185, San Bernardino Quad.; S. B. W. D. No. 42; Location No. 18799.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1930—		1931—	
Dec. 29.....	a24.9	Jan. 4.....	29.6	Jan. 3.....	33.0
		Mar. 9.....	28.1	Mar. 5.....	31.8
1928—		May 7.....	29.6	June 3.....	36.4
Feb. 2.....	18.8	Sept. 5.....	35.3	Aug. 1.....	40.2
Mar. 1.....	18.8	Oct. 13.....	34.7	Oct. 12.....	41.3
June 4.....	24.0	Dec. 9.....	32.7		
1929—					
Dec. 9.....	30.3				

a Measurement from Division of Water Resources.

Measurements from San Bernardino Water Department except as noted.

E-24-E-28, HURTT'S NURSERY. MAP 7

Location and description—0.9 miles north of Willownook Road, 20 feet west of Arrowhead Drive, San Bernardino. Inside of rock house.

Reference point—Top of casing, 0.4 feet above ground.

Elevation of reference point—1483.7, from levels by State Div. E. and I.

Use—Domestic.

Depth of well—71 feet.

Other numbers used—S. B. W. D. No. 66; State Div. E. and I. No. 188, San Bernardino Quad.; Location No. 18812.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927— Dec. 17.....	17.9	1931— Mar. 17..... April 3..... June 5..... Aug. 4..... Oct. 10..... Nov. 17.....	16.7 16.9 15.2 19.8 20.4 20.8	1932— Jan. 4.....	19.0

Measurements from San Bernardino Water Department.

E-25e-F-28, REID-SWEENEY & COMPANY. MAP 7

Location and description—75 feet south of 36th Street, 0.17 miles east of Sierra Way, San Bernardino.

Reference point—Top of casing, 1.6 feet below ground.

Elevation of reference point—1275, from Met. W. D. topog. by D. W. R.

Use—Irrigation.

Diameter of casing—24 inches.

Other numbers used—S. B. W. D. No. 25A; Location No. 18814.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928— April 2..... June 2..... July 3.....	146.6 152.4 150.3	1930— Jan. 3..... Mar. 10..... April 3..... July 8..... Oct. 11..... Nov. 13.....	168.4 166.1 167.0 165.9 169.3 169.9	1931— Jan. 6..... Feb. 11..... April 2..... June 5..... July 20..... Sept. 3..... Nov. 17.....	171.0 170.9 170.0 174.8 176.9 171.7 172.8
1929— Jan. 15..... Feb. 21..... Mar. 27..... May 4..... June 24..... Sept. 28..... Nov. 5.....	154.8 152.7 154.3 153.0 157.6 166.8 167.7			1932— Jan. 4.....	171.5

Measurements from San Bernardino Water Department.

E-26-F-27, GRACE E. GUTHRIE (FORMERLY S. F. KELLY). MAP 7

Location and description—0.07 miles north of Highland Avenue, 60 feet west of G Street, San Bernardino.

Reference point—At ground, to and including October 16-18, 1912; then, top of casing 2.8 feet above ground.

Elevation of reference point—1168.5, to and including October 16-18, 1912; then, 1171.3; from levels by W. P. Rowe.

Use—Not used.

Depth of well—115 feet.

Diameter of casing—7 inches.

Other numbers used—S. B. W. D. No. 30; R. W. C. No. 354, San Bernardino; W. P. Rowe No. 213; W. S. P. 468, No. 94; W. S. P. 142, No. 354, San Bernardino; State Div. E. and I. No. 85, San Bernardino Quad.; Location No. 18806.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1918—		1928—	
Oct. -----	^a 49.0	Jan. 2 -----	^b 26.4	Feb. 3 -----	^a 60.3
		Mar. 13 -----	^b 26.0	April 2 -----	^a 66.8
1904—		Dec. 3 -----	^b 29.9	June 2 -----	^a 68.5
Oct. -----	^a 75.0			Aug. 2 -----	^a 70.7
		1919—		Sept. 4 -----	^a 71.9
1906—		Mar. 12 -----	^b 30.2	Dec. 5 -----	^a 74.2
Oct. -----	^a 77.7	May 30 -----	^b 31.6		
		Aug. 23 -----	^b 35.4	1929—	
1907—		Oct. 13 -----	^b 36.7	Feb. 21 -----	^a 74.2
Aug. 30 -----	^a 62.1	Dec. 23 -----	^b 37.5	Mar. 27 -----	^a 75.6
				May 4 -----	^a 75.2
1909—		1920—		Sept. 28 -----	^a 87.6
Oct. 15-17 -----	^a 48.0	Mar. 25 -----	^b 38.0	Nov. 6 -----	^a 80.4
		May 14 -----	^b 37.4	Dec. 9 -----	^a 83.4
1912—		Aug. 24 -----	^a 41.5		
Oct. 16-18 -----	^a 36.0	Nov. 1 -----	^a 43.5	1930—	
				Jan. 3 -----	^a 81.9
1914—		1921—		April 3 -----	^a 81.3
Oct. 26 -----	^a 41.1	Mar. 30 -----	^b 44.9	July 7 -----	^a 83.0
		June 3 -----	^b 48.3	Sept. 5 -----	^a 84.9
1915—		July 2 -----	^b 47.4	Nov. 14 -----	^a 86.2
Mar. 8 -----	^a 43.2			Dec. 8 -----	^a 87.7
May 8 -----	^a 40.2	1922—			
July 27 -----	^a 40.5	Jan. 11 -----	^b 51.8	1931—	
Sept. 23 -----	^a 43.3	April 23 -----	^b 46.7	Jan. 4 -----	^a 86.2
Dec. 28 -----	^a 41.8	July 6 -----	^b 46.0	Feb. 9 -----	^a 86.0
		Dec. 5 -----	^b 47.7	April 3 -----	^a 86.5
1916—				June 4 -----	^a 87.6
Feb. 2 -----	^b 40.8	1926—		Aug. 3 -----	^a 89.1
April 22 -----	^b 34.3	Jan. 6 -----	^b 54.5	Oct. 10 -----	^a 90.9
Oct. 4 -----	^b 30.3			Nov. 17 -----	^a 91.5
Dec. 31 -----	^b 28.5	1927—			
		Feb. 20 -----	^b 62.0	1932—	
1917—		Dec. 27 -----	^c 76.7	Jan. 4 -----	^a 91.6
May 23 -----	^b 27.8				
June 21 -----	^b 25.3				
Nov. 23 -----	^a 26.8				

^a Measurement from United States Geological Survey (Water Supply Paper 468 and unpublished records).

^b Measurement from W. P. Rowe.

^c Measurement from Division of Water Resources.

^d Measurement from San Bernardino Water Department.

E-26e-F-27, MAGGIE FREELAND (FORMERLY S. H. JOHNSON). MAP 7

Location and description—0.27 miles north of Highland Avenue, 125 feet east of G Street, north of San Bernardino.

Reference point—At ground, to and including October 16-18, 1912; then, top of casing, 1.6 feet above ground.

Elevation of reference point—1183.8, to and including October 16-18, 1912, then, 1185.4; from levels by U. S. G. S.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 142, No. 357, San Bernardino; W. S. P. 468, No. 95; Location No. 18806E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900— Oct.	60.0	1919— Nov. 5.	49.4	1925— May 14.	61.6
1904— Oct.	100.0	1920— May 14.	48.8	Aug. 26.	65.2
1906— Oct.	89.3	Aug. 24.	53.7	Oct. 23.	66.4
1909— Oct. 15-17.	60.5	Nov. 1.	55.7	1926— May 18.	68.0
1912— Oct. 16-18.	49.0	1921— Feb. 23.	56.3	Oct. 18.	73.2
1914— Oct. 26.	53.8	May 14.	57.9	1927— June 1.	73.9
1915— May 25.	50.8	July 12.	59.6	Aug. 22.	77.0
1916— June 8.	41.5	Oct. 7.	53.0	1928— Feb. 27.	78.4
Nov. 17.	40.8	1922— Mar. 23.	59.0	May 3.	79.9
1917— May 18.	36.9	May 24.	56.0	Aug. 13.	85.6
Nov. 23.	38.2	Aug. 21.	57.6	Nov. 21.	86.3
1918— May 2.	37.2	Oct. 24.	59.0	1929— May 10.	87.7
Oct. 11.	41.9	1923— Mar. 27.	57.0	Aug. 30.	a
		May 21.	57.0	1930— Feb. 21.	a
		Aug. 21.	59.0		
		Nov. 20.	58.8	1931— Feb. 18.	a
		1924— Feb. 19.	57.5		
		Aug. 28.	60.3		
		Nov. 26.	60.9		

a Moist earth at 92 feet approximately.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records).

E-27-F-28, ED POPPETT. MAP 7

Location and description—0.12 miles north of Base Line Avenue and 100 feet west of D Street, 1286 D Street, San Bernardino.

Reference point—Top of casing, 1.4 feet above ground.

Elevation of reference point—1110.1, from levels by W. P. Rowe.

Use—Domestic.

Depth of well—60 feet.

Diameter of casing—7 inches.

Other numbers used—R. W. Co. No. 412; S. B. W. D. No. 75; Location No. 18807.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915— Jan. 22.	14.1	1930— Feb. 7.	39.1	1931— Jan. 4.	42.8
Mar. 19.	12.8	April 3.	39.8	Mar. 4.	43.0
May 29.	12.6	May 6.	39.3	May 5.	43.6
July 20.	13.3	July 7.	40.6	Aug. 3.	46.8
Sept. 23.	15.7	Sept. 5.	41.5	Sept. 4.	46.1
Oct. 15.	14.9	Oct. 18.	42.0	Oct. 10.	47.8
1916— Mar. 16.	10.2	Dec. 9.	42.6	Nov. 16.	46.6
				1932— Jan. 5.	46.8

a Measurement from Riverside Water Company.

Measurements from San Bernardino Water Department except as noted.

E-28b-G-28, JAMES A. COX (FORMERLY MRS. HOWS). MAP 7

Location and description—20 feet south of Ninth Street, 50 feet east of D Street, San Bernardino.

Reference point—Pressure gage connection, 1 foot above ground.

Elevation of reference point—1078.5, from levels by U. S. G. S.

Use—Not used.

Depth of well—370 feet.

Diameter of casing—2½ inches.

Other numbers used—R. W. Co. No. 5-C; W. S. P. 468, well "B"; Location No. 18808B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1919—		1922—	
July 9.....	+11.5	May 13.....	+14.2	Mar. 29.....	+10.4
Aug. 9.....	+7.4	Nov. 19.....	+11.6	June 9.....	Flowing
Sept. 11.....	0.0			Aug. 24.....	Flowing
Dec. 27.....	+12.0	1920—		Nov. 24.....	+2.3
1916—		May 15.....	+13.9	1923—	
Jan. 26.....	+12.9	Nov. 1.....	+8.3	Mar. 27.....	Flowing
Mar. 25.....	+18.5	1921—		June 11.....	Flowing
Nov. 17.....	+19.6	June 1.....	+6.0	Aug. 25.....	Flowing
1917—		July 14.....	Flowing	1924—	
May 18.....	+20.1	Oct. 8.....	Flowing	Nov. 26.....	Flowing
Nov. 24.....	+18.5			1925—	
1918—				Oct. 22.....	Flowing
May 2.....	+19.8				
Oct. 11.....	+19.6				

Measurements from United States Geological Survey (Water Supply Paper No. 468 and unpublished records).

E-29-G-28, CITY OF SAN BERNARDINO—HANFORD NO. 1. MAP 7

Location and description—0.13 miles north of Rialto Avenue, 0.16 miles east of E Street, San Bernardino, 15 feet south of pump house in yard of S. B. W. D.

Reference point—Gage, at ground.

Elevation of reference point—1028, from Met. W. D. topog. by D. W. R.

Use—Municipal.

Depth of well—736 feet.

Diameter of casing—16 inches.

Other numbers used—S. B. W. D. No. 1; Location No. 18809.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1929—		1931—	
May 11.....	+87.8	Jan. 1.....	+59.9	Jan. 3.....	+46.1
1922—		Feb. 21.....	+65.7	Mar. 6.....	+53.0
Mar. 20.....	+81.3	Mar. 25.....	+58.8	April 1.....	+35.7
Aug. 21.....	+62.3	June 2.....	+53.2	May 4.....	+41.5
1926—		Aug. 5.....	+39.2	June 6.....	+33.4
Feb. 10.....	+62.3	Oct. 4.....	+36.8	Aug. 1.....	+28.8
1927—		Dec. 9.....	+39.2	Sept. 1.....	+36.9
Dec. 17.....	+71.4	1930—		Oct. 5.....	+32.3
1928—		Jan. 6.....	+46.1	1932—	
Feb. 3.....	+74.3	Mar. 7.....	+55.3	Jan. 5.....	+50.8
Mar. 2.....	+75.5	May 7.....	+53.2		
April 2.....	+59.9	July 7.....	+34.6		
May 1.....	+48.4	Sept. 5.....	+31.1		
July 3.....	+46.1	Oct. 14.....	+39.2		
Sept. 6.....	+42.6	Nov. 1.....	+34.6		
Nov. 1.....	+46.1	Dec. 8.....	+48.4		

* Measurement from W. P. Rowe.

Measurements from San Bernardino Water Department except as noted.

E-29b-G-27, MISS ELLA HARRIS. MAP 7

Location and description—250 feet north of Second Street, 100 feet west of F Street, 242 North F Street, San Bernardino.

Reference point—Pressure gage, 1 foot above ground.

Elevation of reference point—1047.9, from levels by W. P. Rowe.

Use—Not used.

Depth of well—400 feet.

Diameter of casing—7 inches.

Other numbers used—R. W. Co. No. 12C; Location No. 18809B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1920—		1924—	
July 3.....	^a +10.7	Jan. 5.....	+16.6	Feb. 15.....	+13.9
Aug. 11.....	^a +7.2	Mar. 12.....	+16.2	May 27.....	+9.0
Sept. 15.....	^a +4.6	June 5.....	+10.6	July 11.....	+6.2
Oct. 20.....	^a +8.5	July 7.....	+6.9	Sept. 12.....	+6.9
		Sept. 8.....	+4.6	Nov. 13.....	+9.7
1916—		Oct. 6.....	+6.5		
Mar. 22.....	^b +16.2	Dec. 6.....	+11.5	1925—	
July 18.....	+13.9			Jan. 24.....	+11.5
Sept. 12.....	+18.3	1921—		Mar. 6.....	+9.2
Dec. 23.....	+20.8	Feb. 10.....	+13.9	May 26.....	+7.2
		May 12.....	+9.2	July 24.....	+3.0
1917—		June 3.....	+10.4	Sept. 23.....	+2.3
Jan. 22.....	+22.8	Aug. 11.....	+4.6	Dec. 30.....	+8.1
Mar. 5.....	+23.6	Sept. 9.....	+2.8		
May 5.....	+20.6	Nov. 3.....	+7.2	1926—	
July 9.....	+14.8	Dec. 8.....	+8.8	Feb. 19.....	+8.1
Sept. 14.....	+13.9			April 20.....	+8.1
Oct. 5.....	+11.5	1922—		June 7.....	+3.5
Dec. 6.....	+18.5	Jan. 11.....	+10.4	Nov. 8.....	0.0
		April 8.....	+14.3	Dec. 15.....	+3.0
1918—		June 3.....	+9.2		
Jan. 7.....	+16.2	July 12.....	+7.4	1927—	
Mar. 2.....	+20.6	Sept. 13.....	+4.9	Jan. 3.....	+3.5
May 10.....	+14.1	Dec. 5.....	+10.6	April 13.....	+6.5
July 6.....	+11.6			June 6.....	0.0
Sept. 9.....	+11.8	1923—		Oct. 3.....	0.0
Dec. 5.....	+17.3	Mar. 8.....	+13.9		
1919—		June 5.....	+11.1	1928—	
Jan. 3.....	+18.5	Sept. 17.....	+8.1	Jan. 4.....	+0.7
Mar. 5.....	+18.5	Dec. 7.....	+12.9	Mar. 2.....	+1.2
June 12.....	+10.4			May 7.....	0.0
Aug. 28.....	+7.2			Dec. 4.....	0.0
Dec. 15.....	+15.7				

^a Measurement from Riverside Water Company.

^b Measurement from W. P. Rowe.

Measurements from Water Conservation Association except as noted.

NOTE.—Visited each month from December 4, 1928, to January 4, 1932, and gage registered no pressure.

E-31-G-28, B. F. CORTS. MAP 7

Location and description—125 feet south of Base Line Avenue, 200 feet east of Sierra Way, San Bernardino.

Reference point—Top of blocks, 1 foot above ground.

Elevation of reference point—1070, from Met. W. D. topog. by D. W. R.

Use—Not used.

Diameter of casing—8 inches.

Other numbers used—S. B. W. D. No. 89; Location No. 18817.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
Jan. 6.....	32.6	Aug. 3.....	36.4	Jan. 5.....	34.4
Mar. 5.....	31.1	Oct. 5.....	35.5		
May 5.....	32.8	Nov. 16.....	35.7		
June 3.....	33.3				

Measurements from San Bernardino Water Department.

E-31a-F-28, MARY POMMIER. MAP 7

Location and description—40 feet south of 16th Street, 75 feet east of Mountain View Avenue, San Bernardino.

Reference point—Top of 4-inch blocks on top of casing, 1 foot above ground.

Elevation of reference point—1135, from Met. W. D. topog. by D. W. R.

Use—Not used.

Depth of well—100 feet.

Diameter of casing—7 inches.

Other numbers used—S. B. W. D. No. 87, Location No. 18817A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— Dec. 10.	60.8	1931— Jan. 4. Mar. 5. May 5. June 4. Aug. 3. Oct. 10. Nov. 17.	61.0 59.0 60.1 60.7 62.6 63.9 64.2	1932— Jan. 5.	63.4

Measurements from San Bernardino Water Department.

E-32-G-28, LEANNER J. OXLEY. MAP 7

Location and description—0.11 miles south of Base Line Avenue, 0.14 miles east of Sierra Way, San Bernardino.

Reference point—Faucet by well, at ground.

Elevation of reference point—1087.7, from levels by W. P. Rowe.

Use—Abandoned.

Depth of well—502 feet.

Diameter of casing—2 inches.

Other numbers used—S. B. W. D. No. 35; W. P. Rowe No. 365; State Div. E. and I. No. 90, San Bernardino Quad.; Location No. 18818.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915— Aug. 17. Oct. 19. Dec. 23.	+6.2 +21.5 +30.9	1920— Feb. 7. Mar. 25. June 18. July 16. Nov. 16.	+30.0 +34.6 +13.9 0.0 +27.7	1927— Dec. 27.	^a +23.6
1916— Feb. 4. April 15. Oct. 4. Dec. 31.	+29.8 +44.1 +36.7 +42.2	1921— Mar. 27. April 22. June 3. July 2.	+31.0 +4.5 +20.0 +2.0	1928— Feb. 3. Mar. 2. April 30. July 3. Oct. 1. Dec. 5.	^a +24.8 ^a +25.9 ^a —5.7 ^a —8.7 ^a —12.4 ^a +2.4
1917— June 29. Aug. 1.	+17.1 +11.5	1922— Jan. 11. April 22. July 3. Sept. 24. Dec. 4.	+28.0 +39.1 +25.4 +13.9 +35.8	1929— Jan. 15. Nov. 9.	^a 0.0 ^a —13.9
1918— Dec. 3.	+34.6	1924— Oct. 28.	+9.2	1930— Jan. 3. Mar. 9. May 6. June 6. Aug.	^a —9.1 ^a 0.0 ^a —2.0 ^a —13.3 Destroyed
1919— Mar. 12. April 16. May 30. July 28. Oct. 12.	+36.9 +23.1 +27.7 +2.3 +23.1	1926— Feb. 10.	+8.2		

^a Measurement from San Bernardino Water Department.

^b Flowing.

Measurements from W. P. Rowe except as noted.

E-34-E-28, THOMAS CLAPP. MAP 7

Location and description—0.2 miles north of Willow Nook Road and 0.53 miles east of Valencia Avenue, San Bernardino.

Reference point—Top of casing, at ground.

Elevation of reference point—1405.5, from levels by W. P. Rowe.

Use—Not used.

Depth of well—80 feet.

Diameter of casing—12 inches.

Other numbers used—S. B. W. D. No. 67; State Div. E. and I. No. 187, San Bernardino Quad.; Location No. 18833.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1919—		1922—		1931—	
Aug. 9.....	13.9	Jan. 10.....	9.3	Mar. 5.....	^b 13.6
Oct. 4.....	15.9			April 2.....	^b 12.1
Nov. 19.....	16.4	1924—		May 4.....	^b 12.4
		Oct. 8.....	16.8	July 3.....	^b 13.5
1920—				Sept. 3.....	^b 14.0
Feb. 8.....	12.2	1926—		Nov. 17.....	^b 14.9
Mar. 17.....	10.4	Sept. 25.....	14.0		
May 13.....	10.6			1932—	
June 19.....	10.4	1927—		Jan. 4.....	10.9
		Dec. 17.....	^a 11.8		
1921—					
Mar. 25.....	9.7				
Aug. 21.....	15.3				

^a Measurement from Division of Water Resources.

^b Measurement from San Bernardino Water Department.

Measurements from W. P. Rowe, except as noted.

E-34b-F-28, RALPH SWING. MAP 7

Location and description—15 feet north of Avery Street, 0.3 miles west of Mountain Avenue, San Bernardino. 20 feet east of old concrete pump base.

Reference point—Top of casing in concrete slab, at ground.

Elevation of reference point—1319.2, from levels by State Div. E. and I.

Use—Not used.

Diameter of casing—16 inches.

Other numbers used—S. B. W. D. No. 24; State Div. E. and I. No. 186, San Bernardino Quad.; Location No. 18833B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1929—		1930—Cont.	
Sept. 25.....	^a 161.7	Jan. 15.....	167.6	July 8.....	171.7
		Mar. 27.....	169.1	Sept. 5.....	173.1
1927—		June 24.....	172.6	Oct. 11.....	174.3
Dec. 17.....	^b 162.1	Aug. 14.....	170.8	Dec. 10.....	175.8
		Sept. 28.....	172.0		
1928—		Dec. 9.....	173.8	1931—	
Feb. 1.....	161.9			Jan. 3.....	176.2
Mar. 1.....	161.4	1930—		Mar. 5.....	176.8
April 2.....	160.3	Jan. 3.....	174.2	May 4.....	177.1
June 3.....	161.0	Mar. 10.....	174.9	June 5.....	177.7
Aug. 2.....	165.0	May 6.....	173.2	Aug. 4.....	178.8
Oct. 4.....	165.1				
Dec. 5.....	166.5				

^a Measurement from W. P. Rowe.

^b Measurement from Division Water Resources.

Measurements from San Bernardino Water Department except as noted.

E-35c-F-28, SAN BERNARDINO VALLEY FOUNDATION, INC. (FORMERLY A. L. MARKS)

MAP 7

Location and description—80 feet south of A. T. & S. F. loop tracks, 0.12 miles west of Valencia Avenue, San Bernardino.

Reference point—Top of casing, at ground

Elevation of reference point—1228, from Mct. W. D. topog. by D. W. R.

Use—Domestic.

Diameter of casing—6 inches.

Other numbers used—S. B. W. D. No. 60; Location No. 18825.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Nov. 6.....	128.9	Jan. 4.....	132.2	Feb. 11.....	131.1
Dec. 9.....	131.3	April 3.....	127.2	May 4.....	132.9
		June 5.....	129.9	July 3.....	136.4
		July 8.....	132.7	Sept. 3.....	137.9
		Oct. 11.....	137.4	Nov. 17.....	139.2
		Dec. 9.....	133.8		
				1932—	
				Jan. 4.....	137.0

Measurements from San Bernardino Water Department.

E-35d-F-28, FRANK CURRIE. MAP 7

Location and description—50 feet south of Marshall Boulevard, 150 feet west of Valencia Avenue, San Bernardino.

Reference point—Top of casing, 1.4 feet above ground.

Elevation of reference point—1251.1, from levels by W. P. Rowe.

Use—Abandoned.

Depth of well—300 feet.

Diameter of casing—12 inches.

Other numbers used—W. P. Rowe No. 40; R. W. Co. No. 229; S. B. W. D. No. 31; W. S. P. 468, No. 99b; State Div. E. and I. No. 80, San Bernardino Quad.; Location No. 18825A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1920—		1925—	
April 15.....	102.5	Feb. 8.....	110.0	May 11.....	^b 119.3
May 20.....	^a 100.7	July 16.....	109.7	Aug. 31.....	^b 125.8
July 27.....	^a 105.3	Sept. 23.....	115.9	Oct. 23.....	^b 125.0
Sept. 21.....	^a 109.3	Nov. 16.....	113.9		
Oct. 16.....	^a 110.3			1926—	
Dec. 22.....	109.5			Jan. 4.....	124.1
		1921—			
1916—		Feb. 19.....	112.2		
Jan. 30.....	103.0	Mar. 25.....	111.9	1927—	
Mar. 30.....	81.4	June 3.....	113.6	Feb. 20.....	128.9
Oct. 4.....	89.8	July 2.....	116.2	Mar. 20.....	125.2
Dec. 31.....	90.8	Sept. 29.....	121.9	Dec. 27.....	^c 132.0
		Oct. 13.....	120.6		
1917—		1922—		1928—	
May 25.....	86.3	Jan. 10.....	115.8	Feb. 2.....	^c 131.0
June 18.....	89.0	Mar. 14.....	99.7	Mar. 1.....	^c 130.4
Aug. 1.....	94.1	April 23.....	95.6	June 2.....	^c 135.5
Oct. 6.....	98.2	June 3.....	102.9	Aug. 2.....	^c 139.6
Nov. 6.....	97.0	Sept. 25.....	110.9	Sept. 4.....	^c 141.2
		Dec. 5.....	109.8	Oct. 24.....	142.5
1918—				Dec. 5.....	^c 140.6
Jan. 2.....	96.2	1923—			
Mar. 4.....	95.9	Mar. 27.....	^b 107.2	1929—	
June 2.....	94.4	May 15.....	108.1	Jan. 15.....	^c 140.9
Aug. 8.....	101.4	Aug. 25.....	^b 114.9	Aug. 14.....	Destroyed
Dec. 6.....	101.9	Nov. 20.....	^b 114.1		
1919—		1924—			
Mar. 11.....	101.7	Feb. 19.....	^b 113.0		
May 7.....	103.1	May 15.....	108.1		
Aug. 23.....	111.2	Aug. 25.....	^b 119.7		
Oct. 12.....	111.5	Oct. 8.....	120.6		
Dec. 26.....	109.8	Nov. 26.....	^b 118.7		

^a Measurement from Riverside Water Company.

^b Measurement from United States Geological Survey.

^c Measurement from San Bernardino Water Department.

Measurements from W. P. Rowe, except as noted.

E-35h-F-28, JAMES LANE. MAP 7

Location and description—40 feet south of A T. & S F. loop tracks, 0.13 miles west of Golden Avenue, San Bernardino.

Reference point—Hole in center of plug, 0.6 feet below ground.

Elevation of reference point—1224, from Met. W. D. topog. by D. W. R.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—S. B. W. D. No. 56; Location No. 18835A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Nov. 6.....	123.9	Feb. 6.....	123.5	Jan. 3.....	126.5
Dec. 9.....	126.1	Mar. 10.....	124.0	Mar. 6.....	125.1
		May 6.....	122.6	May 4.....	126.9
		July 8.....	124.8	July 2.....	130.1
		Sept. 5.....	127.8	Sept. 3.....	132.4
		Nov. 13.....	127.7	Nov. 17.....	134.0
		Dec. 9.....	125.9		
				1932—	
				Jan. 4.....	132.3

Measurements from San Bernardino Water Department.

E-36-F-28, CITY OF SAN BERNARDINO—PERRIS HILL NO. 2. MAP 7

Log Available

Location and description—0.12 miles south of Highland Avenue, 0.32 miles east of Waterman Avenue, San Bernardino.

Reference point—Bottom of I beam, at ground.

Elevation of reference point—1159.4, from levels by W. P. Rowe.

Use—Municipal.

Depth of well—433 feet.

Diameter of casing—14 inches.

Other numbers used—W. P. Rowe No. 33; S. B. W. D. No. 31; R. W. Co. No. 2, San Bernardino; Location No. 18826.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1921—		1929—	
April 3.....	39.2	Feb. 19.....	44.6	Jan. 14.....	67.0
May 11.....	38.0	April 22.....	47.4	Mar. 4.....	65.0
July 12.....	40.0	June 3.....	47.8	May 6.....	68.0
Oct. 29.....	45.7			July 8.....	74.0
Dec. 23.....	43.0	1922—		Oct. 1.....	77.5
		Jan. 10.....	49.9	Nov. 4.....	77.0
1916—		Sept. 25.....	47.2		
Feb. 3.....	39.2	Dec. 4.....	44.0	1930—	
Dec. 31.....	29.8			Jan. 1.....	77.5
		1926—		Feb. 1.....	74.0
1917—		Feb. 10.....	56.0	April 3.....	73.0
Mar. 25.....	27.9			May 1.....	76.0
June 29.....	32.1	1927—		Aug. 1.....	81.0
		Dec. 27.....	61.0	Oct. 1.....	81.5
1918—				Dec. 8.....	77.0
Jan. 2.....	35.2	1928—			
Sept. 25.....	43.0	Jan. 30.....	59.5	1931—	
Dec. 6.....	39.2	Mar. 1.....	59.0	Feb. 1.....	76.0
		April 30.....	62.5	Mar. 1.....	75.0
1919—		June 4.....	64.0	May 1.....	81.0
Mar. 11.....	37.9	July 2.....	67.0	June 4.....	80.0
May 7.....	39.4	Oct. 4.....	71.5	July 1.....	82.0
July 28.....	47.2	Dec. 10.....	68.0	Sept. 4.....	84.0
Oct. 4.....	47.2			Oct. 1.....	86.0
Nov. 20.....	44.9				
				1932—	
1920—				Jan. 6.....	81.5
Feb. 7.....	44.6				
Mar. 25.....	41.3				
May 13.....	39.3				
Nov. 16.....	47.4				

Measurements from W. P. Rowe to and including February 10, 1926; then, from San Bernardino Water Department.

**E-36b-F-28, MORTGAGE & LOAN COMPANY OF SAN BERNARDINO (FORMERLY
H. N. STONES). MAP 7**

Location and description—0.27 miles south of Highland Avenue, 125 feet west of Waterman Avenue, San Bernardino. 10 feet southwest of concrete pump house foundation.

Reference point—Top of casing, at ground, to and including November 1, 1920; then, top of casing, 1.8 feet above ground.

Elevation of reference point—1150.0, to and including November 1, 1920, then, 1151.8; from levels by R. W. Co.

Use—Not used.

Depth of well—85 feet.

Diameter of casing—7 inches.

Other numbers used—S. B. W. D. No. 33; W. S. P. 468, No. 96, W. S. P. 142, No. 341, San Bernardino; State Div. E. and I. No. 82, San Bernardino Quad., Location No. 18826B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1917—		1928—	
Oct. -----	54.0	May 17.	24.6	Feb. 2.	54.7
		Nov. 23.	30.6	Mar. 1.	55.4
1904—		1918—		April 30.	60.7
Oct. -----	63.0	May 2.	28.1	June 4.	58.7
1906—		Oct. 11.	35.0	Aug. 2.	63.7
Oct. -----	70.5	1919—		Oct. 4.	65.8
1907—		May 12.	34.8	Dec. 5.	65.4
Aug. 30.	49.7	Nov. 2.	39.8	1929—	
1912—		1920—		Feb. 21.	61.7
Oct. 16-18.	40.3	May 14.	34.9	May 4.	63.7
1914—		Aug. 21.	43.3	Aug. 14.	70.0
Oct. 26.	40.4	Nov. 1.	43.0	Nov. 6.	70.5
1915—		1922—		Dec. 9.	70.8
Mar. 10.	37.3	Oct. 24.	41.6	1930—	
May 25.	34.2	1923—		Feb. 6.	69.9
July 27.	37.5	Nov. 20.	44.0	April 3.	68.4
Sept. 22.	39.9	1924—		June 6.	72.4
Oct. 16.	40.6	Nov. 26.	47.0	Aug. 4.	75.1
Nov. 26.	39.6	1925—		Oct. 13.	74.4
Dec. 28.	38.7	Oct. 23.	51.7	1931—	
1916—		1927—		Jan. 4.	72.8
Jan. 30.	36.7	Dec. 27.	55.9	Feb. 5.	71.9
Mar. 17.	30.2			April 3.	72.2
June 8.	23.9			May 4.	75.1
Nov. 17.	26.4			July 2.	76.8
				Aug. 3.	Plugged

Measurements from United States Geological Survey (Water Supply Paper 468) to and including November 1, 1920; then from Division of Water Resources to and including October 23, 1925; then from San Bernardino Water Department.

E-37-F-28, G. F. MECHAN, MAP 7

Location and description—100 feet south of 16th Street, 0.34 miles east of Waterman Avenue, San Bernardino. Open casing, 2 feet southeast of pump house.

Reference point—Top of 3-inch casing, to and including April 15, 1916; then, top of 1/4-inch stopcock in center of 7-inch casing, 0.5 feet below ground.

Elevation of reference point—1126.9, to and including April 15, 1916; then, 1129.4; from levels by W. P. Rowe.

Use—Not used.

Depth of well—320 feet.

Diameter of casing—3 inches.

Other numbers used—W. P. Rowe No. 26; S. B. W. D. No. 34; State Div. E. and I. No. 83, San Bernardino Quad.; Location No. 18827.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1888—		1906—		1907—	
	+20.0	Jan. 15.	b38.6	Jan. 1.	b29.8
1905—		June 1.	b28.8	April 3.	b15.0
Jan. 11.	a44.8	Aug. 7.	b42.5	July 22.	b20.0
April 14.	a38.0	Oct. 23.	b44.7	Sept. 23.	b26.3
Sept. 8.	a48.7	Dec. 29.	b31.0	Oct. 23.	b19.8
Dec. 31.	b40.3			Dec. 31.	b17.0

E-37-F-28, G. F. MECHAM. MAP 7.—Continued

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1908—		1916—		1925—	
Jan. 3.....	b17 0	Jan. 4.....	b8 0	Jan. 24.....	c15 6
Mar. 9.....	b12 9	Mar. 22.....	b+5 3	Mar. 6.....	c25 6
June 18.....	b35 3	Dec. 30.....	b+1 8	July 24.....	c39 0
Sept. 24.....	b37 0			Sept. 23.....	c39 2
Oct. 24.....	b28 6	1917—		Oct. 22.....	c22 5
Dec. 27.....	b28 5	Feb. 3.....	b+3 1	Dec. 30.....	c20 3
		Mar. 25.....	b+4 6		
1909—		June 18.....	b11 5	1926—	
Jan. 3.....	b27 3	Oct. 6.....	b22 7	Jan. 4.....	b20 4
April 23.....	b 8 1			April 20.....	c19 0
June 22.....	b28 9	1918—		July 16.....	c41 0
Aug. 5.....	b31 9	Feb. 7.....	c0 7	Oct. 2.....	c39 5
Oct. 8.....	b25 5	April 8.....	c2 7	Dec. 13.....	c25 7
Nov. 15.....	b19 2	Aug. 9.....	c26 2		
		Oct. 11.....	c10 9	1927—	
1910—		Dec. 7.....	c5 0	Jan. 13.....	c22 8
Feb. 10.....	b5 0			Mar. 15.....	c19 9
April 28.....	c18 9	1919—		May 7.....	c28 6
June 11.....	c28 2	Feb. 6.....	c3 6	July 8.....	c41 5
Aug. 27.....	c32 0	April 5.....	c4 0	Sept. 7.....	c43 6
Oct. 5.....	b32 1	July 28.....	b31 7	Nov. 3.....	c30 6
Dec. 26.....	b16 0	Sept. 16.....	b32 9	Dec. 5.....	c26 5
		Nov. 5.....	b13 5		
1911—		Dec. 28.....	b10 7	1928—	
Feb. 3.....	b9 4			Feb. 2.....	c22 0
April 4.....	c1 3	1920—		Mar. 1.....	c22 5
June 1.....	c7 7	Mar. 25.....	b6 5	April 3.....	c35 9
Sept. 14.....	c28 9	May 13.....	b8 2	July 3.....	c46 0
Oct. 3.....	c18 7	Sept. 23.....	b30 3	Sept. 4.....	c48 8
Dec. 14.....	c12 3	Nov. 16.....	b15 1	Oct. 25.....	c46 2
				Dec. 5.....	c37 3
1912—		1921—		1929—	
Jan. 23.....	c10 2	Feb. 19.....	b10 6	Jan. 15.....	c38 0
April 9.....	c5 8	Mar. 27.....	b11 6	Feb. 21.....	c31 3
May 3.....	c4 5	June 3.....	b15 7	Mar. 27.....	c37 2
Aug. 7.....	c29 2	Oct. 13.....	b22 6	June 24.....	c44 5
Sept. 5.....	c28 0			Aug. 14.....	c50 2
Dec. 1.....	c19 0	1922—		Oct. 29.....	c52 1
		Jan. 10.....	b16 0		
1913—		April 23.....	b5 8	1930—	
Jan. 23.....	c12 8	July 3.....	b15 1	Feb. 6.....	c38 7
Mar. 5.....	c8 1	Sept. 25.....	b28 5	April 3.....	c39 0
May 14.....	c27 0	Dec. 4.....	b12 3	June 6.....	c52 6
Sept. 23.....	c33 5			Aug. 4.....	c56 8
Dec. 20.....	c15 9	1923—		Oct. 13.....	c52 5
		Jan. 8.....	c9 4	Dec. 9.....	c45 3
1914—		Mar. 8.....	c9 1		
Jan. 22.....	c13 2	May 12.....	c19 6	1931—	
Mar. 24.....	c8 5	Aug. 18.....	c31 3	Jan. 4.....	c45 5
May 13.....	c4 3	Oct. 5.....	c24 1	Mar. 5.....	c40 2
Aug. 5.....	c27 5	Dec. 7.....	c14 7	May 5.....	c49 2
Oct. 2.....	c27 1			July 31.....	c51 9
Dec. 4.....	c14 6	1924—		Sept. 4.....	c56 8
		Feb. 15.....	c17 5	Nov. 5.....	c61 4
1915—		April 7.....	c11 8		
Feb. 24.....	d6 3	Aug. 22.....	c36 2	1932—	
Mar. 8.....	d4 0	Oct. 28.....	b30 8	Jan. 4.....	c46 3
June 27.....	b8 6	Dec. 29.....	c15 8		
Aug. 17.....	b25 9				
Oct. 19.....	b15 6				
Dec. 23.....	b7 8				

a Measurement from G. F. Mecham.

b Measurement from W. P. Rowe.

c Measurement from Water Conservation Association.

d Measurement from Riverside Water Company.

e Measurement from San Bernardino Water Department.

f Measurement from Division Water Resources.

E-38a-G-28, MARTHA A. SPARKES. MAP 7

Location and description—40 feet south of Ninth Street, 0.17 miles east of Waterman Avenue, San Bernardino. 20 feet south of pump house.

Reference point—Top of casing, 1.5 feet above ground.

Elevation of reference point—1064.3, from levels by W. P. Rowe.

Use—Not used.

Depth of well—200 feet.

Diameter of casing—3 inches.

Other numbers used—S. B. W. D. No. 94, W. P. Rowe No. 36; S. B. V. C. D. No. 3; Location No. 18828A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1931—		1931—Cont.	
April 5.....	+9.2	Feb. 20.....	8.9	Sept. 2.....	12.8
		Mar. 6.....	7.9	Oct. 5.....	13.5
1916—		May 4.....	8.0	Nov. 16.....	12.8
April 6.....	+13.2	July 2.....	13.5		
		Aug. 24.....	14.0	1932—	
				Jan. 4.....	10.4

* Measurement from W. P. Rowe.

Measurements from San Bernardino Water Department except as noted.

E-39-G-28, CITY OF RIVERSIDE—WELL "D". MAP 7

Log Available

Location and description—1400 feet east of Waterman Avenue, 50 feet south of Sixth Street, San Bernardino. On east bank of Warm Creek.

Reference point—Pressure gage, 2.4 feet below ground.

Elevation of reference point—1037.9, from levels by W. P. Rowe.

Use—Municipal.

Depth of well—546 feet.

Diameter of casing—10 inches.

Other numbers used—R. W. Co. No. 42A; Location No. 18829.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1922—		1927—	
Mar. 1.....	+60.0	Jan. 11.....	+64.7	Mar. 15.....	+63.5
April 20.....	+83.3	Mar. 10.....	+69.3	April 13.....	+64.7
June 27.....	+70.6	April 7.....	+77.4	Nov. 3.....	+53.2
July 12.....	+65.6	June 3.....	+59.8	Dec. 3.....	+54.2
Sept. 20.....	+46.2	Aug. 5.....	+46.2		
Oct. 23.....	+65.8	Sept. 13.....	+46.8	1928—	
Dec. 27.....	+79.7	Nov. 14.....	+60.7	Feb. 9.....	+62.8
				April 7.....	+35.1
1916—		1923—		June 11.....	+28.8
Jan. 13.....	+76.2	Jan. 8.....	+66.9	Oct. 10.....	+27.7
Feb. 2.....	+69.3	Mar. 8.....	+68.2	Dec. 14.....	+46.0
Mar. 7.....	+87.8	May 12.....	+46.3		
		July 7.....	+35.1	1929—	
1918—		Oct. 5.....	+48.5	Jan. 10.....	+46.2
Jan. 7.....	+78.0	Nov. 8.....	+60.0	Feb. 14.....	+51.3
Feb. 6.....	+81.3	Dec. 10.....	+62.3	Mar. 21.....	+36.9
April 6.....	+81.4			July 16.....	+18.2
June 12.....	+50.8	1924—		Dec. 12.....	+25.0
Dec. 5.....	Flowing	Feb. 5.....	+55.4		
		Mar. 7.....	+58.9	1930—	
1919.....	Flowing	April 7.....	+66.3	Jan. 6.....	+28.9
		Dec. 29.....	Flowing	Feb. 8.....	+48.5
1920.....	Flowing			April 2.....	+42.9
		1925—		Oct. 2.....	+25.4
1921—		Jan. 24.....	+49.7	Dec. 6.....	+43.9
Jan. 7.....	+64.6	April 13.....	+60.0		
Feb. 16.....	+69.7	Sept. 23.....	+25.4	1931—	
April 8.....	+51.3	Oct. 22.....	+53.2	Jan. 20.....	+46.0
June 3.....	+58.4	Dec. 30.....	+53.4	Mar. 16.....	+43.0
Nov. 3.....	+54.9			June 11.....	Flowing
Dec. 10.....	+58.0	1926—		Sept. 25.....	Flowing
		Feb. 19.....	+51.9		
		Mar. 22.....	+44.1	1932—	
		April 20.....	+60.1	Jan. 4.....	+41.5

Measurements from Riverside Water Company to and including March 7, 1916; then from Water Conservation Association.

E-39d-G-28, CITY OF RIVERSIDE—WELL "A". MAP 7

Log Available

Location and description—300 feet north of Third Street, 200 feet east of Waterman Avenue, San Bernardino. On south side of Warm Creek.

Reference point—Pressure gage, at ground, to and including December 23, 1915; then, pressure pipe, 5.5 feet above ground.

Elevation of reference point—1026.0, to and including December 23, 1915; then, 1031.6; from levels by City of Riverside.

Use—Municipal.

Depth of well—913 feet.

Diameter of casing—10 inches.

Other numbers used—W. P. Rowe No. P-95; R. W. Co. No. 95; Location No. 18829D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1920—		1928—	
Mar. 2.....	^a +84.3	Feb. 7.....	+87.5	Feb. 9.....	+80.3
June 15.....	^a +86.5	April 8.....	+93.9	April 7.....	+60.0
July 12.....	^a +80.5	Nov. 4.....	+50.8	June 11.....	+48.5
Dec. 27.....	^a +92.3			Aug. 13.....	+41.6
		1921—		Nov. 10.....	+48.5
1916—		Jan. 7.....	+84.9		
Jan. 24.....	^a +92.3	Feb. 16.....	+88.2	1929—	
April 15.....	^b +103.0	Dec. 10.....	Flowing	Jan. 10.....	+64.8
July 18.....	+88.2			Feb. 14.....	+68.4
Dec. 23.....	Flowing	1922—	Flowing	May 21.....	+43.8
				July 16.....	+16.2
1917—		1923—	Flowing	Aug. 22.....	+41.6
June 5.....	+90.5			Dec. 12.....	+46.0
Oct. 5.....	+66.0	1924—			
Dec. 10.....	+84.8	Nov. 14.....	+78.5	1930—	
		Dec. 29.....	+84.9	Jan. 6.....	+50.8
1918—				Feb. 8.....	+67.0
Jan. 7.....	+85.9	1925—		May 12.....	+56.5
Mar. 2.....	+93.6	Jan. 24.....	+79.6	Dec. 6.....	+53.5
April 6.....	+95.7	Nov. 21.....	+66.9		
June 12.....	+74.2	Dec. 30.....	+77.3	1931—	
July 5.....	+64.9			Jan. 20.....	+56.0
Sept. 10.....	+67.4	1926—		Feb. 20.....	+57.0
Oct. 11.....	+86.0	Feb. 19.....	+78.5	June 11.....	Flowing
Dec. 5.....	+90.0	Mar. 22.....	+69.3	Sept. 4.....	+15.0
		April 20.....	+78.5		
1919—				1932—	
Jan. 3.....	+92.6	1927—		Jan. 4.....	+49.7
Mar. 5.....	+94.7	Jan. 13.....	+71.6		
Dec. 15.....	Flowing	April 13.....	+83.1		
		May 7.....	+64.6		
		Nov. 3.....	+70.4		
		Dec. 5.....	+72.7		

^a Measurement from Riverside Water Company.

^b Measurement from W. P. Rowe.

Measurements from Water Conservation Association except as noted.

E-40c-F-28, E. I. STILES. MAP 7

Location and description—0.13 miles east on Pacific Street from offset at end of Gilbert Street, 0.12 miles north of Pacific Street near base of Perris Hill, northeast of San Bernardino.

Reference point—Top of casing, at ground.

Elevation of reference point—1126.3, from W. S. P. No. 468.

Use—Abandoned.

Depth of well—48 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 468, No. 98; W. S. P. 142, No. 3188, San Bernardino, Location No. 18876C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1916—		1922—	
Oct.	39.0	Mar. 17.	20.3	May 27.	34.4
		June 8.	17.8	Aug. 27.	29.4
1904—		Nov. 17.	17.8		
Oct.	50.0	1917—		1923—	
1906—		May 17.	24.6	Aug. 25.	33.8
Oct.	48.5	Nov. 23.	30.6	Nov. 20.	31.7
1907—		1918—		1924—	
Aug. 30.	35.8	May 2.	19.1	Feb. 19.	29.1
		Oct. 10.	26.6	Aug. 25.	37.5
1912—				Nov. 26.	34.2
Oct. 16-18.	32.7	1919—		1925—	
		May 12.	25.2	May 12.	34.4
1914—		Nov. 2.	29.6	Aug. 31.	41.6
Oct. 26.	30.2			Oct. 23.	39.2
1915—		1920—			
April 13.	25.2	May 14.	25.0	1926—	
May 25.	23.9	Aug. 24.	32.6	May 18.	35.0
Oct. 16.	30.2	Nov. 1.	32.0	Oct. 15.	42.2
Nov. 3.	29.5	1921—		1927—	
		Feb. 23.	27.6	June 1.	37.7
		June 13.	34.2		Destroyed
		Oct. 7.	36.6		

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records).

E-41-F-28, SAN BERNARDINO BUILDING & LOAN ASSOCIATION. (FORMERLY BARTON RANCH). MAP 7

Location and description—200 feet north of Base Line Avenue, 0.23 miles west of Stiles Street, San Bernardino. 150 feet east of East Twin Creek.

Reference point—Top of casing, at ground.

Elevation of reference point—1094.0, from levels by Riverside Water Co.

Use—Domestic.

Depth of well—30 feet.

Diameter of casing—5 inches.

Other numbers used—Water Conservation Association "Barton Well"; Location No. 18837A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1910—		1918—		1925—	
April 28.....	15.0	Jan. 7.....	9.2	Mar. 6.....	15.1
June 11.....	15.6	April 8.....	7.3	May 25.....	15.7
Aug. 27.....	17.2	July 5.....	10.0	July 24.....	18.0
Sept. 28.....	17.5	Sept. 9.....	12.0	Sept. 23.....	19.9
		Nov. 8.....	11.0	Dec. 30.....	18.0
1911—		1919—		1926—	
April 4.....	14.0	Jan. 4.....	10.1	Feb. 18.....	17.7
May 2.....	13.4	April 5.....	9.3	Mar. 22.....	19.7
July 8.....	14.2	June 12.....	11.3	April 20.....	16.8
Aug. 8.....	15.4	Sept. 26.....	14.9	Aug. 14.....	19.8
Oct. 3.....	15.1	Dec. 12.....	12.9	Nov. 8.....	21.0
Dec. 14.....	14.1			Dec. 13.....	20.5
1912—		1920—		1927—	
Jan. 23.....	13.7	Feb. 6.....	12.2	Jan. 13.....	23.0
May 3.....	12.5	April 9.....	10.7	April 13.....	17.5
July 6.....	13.7	June 4.....	11.1	Aug. 3.....	20.3
Sept. 5.....	15.6	Aug. 8.....	14.2	Nov. 3.....	21.6
Nov. 9.....	16.5	Oct. 5.....	15.6	Dec. 5.....	22.0
Dec. 1.....	15.2	Dec. 8.....	15.4		
1913—		1921—		1928—	
April 8.....	13.2	Feb. 16.....	12.7	Mar. 3.....	19.0
Sept. 23.....	23.0	April 9.....	12.5	May 8.....	20.3
Dec. 20.....	16.2	June 3.....	13.8	Aug. 13.....	23.2
		Sept. 9.....	17.4	Nov. 10.....	24.7
1914—		Dec. 10.....	16.8		
Feb. 24.....	13.3	1922—		1929—	
June 3.....	12.2	Jan. 11.....	14.2	Jan. 10.....	23.7
Oct. 5.....	14.5	Mar. 10.....	12.3	Mar. 21.....	23.1
Dec. 4.....	13.3	May 10.....	11.0	June 18.....	25.4
1915—		July 12.....	12.2	Sept. 16.....	28.0
Mar. 2.....	11.3	Sept. 13.....	14.1	Nov. 7.....	27.4
June 2.....	11.0	Dec. 5.....	13.2	Dec. 12.....	28.5
Sept. 10.....	13.4				
Nov. 4.....	13.8	1923—		1930—	
1916—		Mar. 8.....	11.6	Jan. 6.....	31.7
Jan. 12.....	12.2	May 12.....	12.8	Mar. 13.....	27.7
Feb. 4.....	8.2	July 7.....	14.2	May 12.....	26.5
May 5.....	8.0	Sept. 17.....	16.0	Aug. 2.....	30.8
July 17.....	7.2	Dec. 7.....	14.3	Dec. 6.....	Dry
Sept. 12.....	8.7	1924—		1931—	
Dec. 23.....	7.5	Feb. 15.....	13.0	Feb. 20.....	23.9
		April 7.....	13.0	Mar. 18.....	28.8
1917—		July 11.....	15.9	May 12.....	Dry
Mar. 2.....	6.2	Sept. 12.....	17.7	Nov. 25.....	Dry
June 5.....	7.0	Dec. 29.....	15.8		
Aug. 2.....	9.4			1932—	
Oct. 4.....	10.7			Jan. 4.....	Dry
Dec. 12.....	9.3				

Measurements from Water Conservation Association.

E-41d-F-28, SAN BERNARDINO COUNTY HOSPITAL FARM (FORMERLY ALBERT HART).
MAP 7

Location and description—300 feet north of Gilbert Street, 300 feet west of Pacific Street (jog in Gilbert Street), northeast of San Bernardino.

Reference point—At ground, to and including October 16-18, 1912; then, top of casing, 1.4 feet above ground.

Elevation of reference point—1118.6, to and including October 16-18, 1912; then, 1120; from Mct. W. D. topog. by D. W. R.

Use—Abandoned.

Depth of well—44 feet.

Diameter of casing—10 inches.

Other numbers used—W. S. P. 468, No. 97; W. S. P. 142, No. 319, San Bernardino; Location No. 18837D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1917—		1922—	
Oct.	34 0	May 18.....	16 9	Mar. 27.....	25 8
		Nov. 23.....	21 9	May 27.....	23 8
1904—				Oct. 25.....	29 7
Oct.	48 0	1918—			
		May 2.....	22 8	1923—	
1912—		Oct. 10.....	26 2	Mar. 19.....	25 3
Oct. 16-18.....	30 2			May 21.....	27 9
		1919—		Aug. 25.....	32 9
1914—		May 12.....	28 3	Nov. 20.....	31 3
Oct. 26.....	30 4	Nov. 2.....	28 2		
				1924—	
1915—		1920—		Feb. 19.....	28 5
May 25.....	23 4	May 14.....	23 6	Aug. 25.....	*34
Nov. 2.....	28 6	Aug. 24.....	31 7		
		Nov. 1.....	31 2	1925—	
1916—				May 12.....	33 2
June 8.....	17 4	1921—		Aug. 31.....	*34
Nov. 17.....	18 5	Feb. 23.....	27 1	Oct. 23.....	*34
		May 16.....	29 9		
		July 13.....	33 4		
		Oct. 7.....	*35		

* Obstruction.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records).

E-42-G-28, CITY OF SAN BERNARDINO—ANTIL WELL NO. 3. MAP 7

Log Available

Location and description—0.65 miles east of Waterman Avenue and 400 feet north of Rathbun Street, San Bernardino.

Reference point— $\frac{1}{4}$ -inch cock, 3.0 feet above ground.

Elevation of reference point—1055.4, from levels by W. P. Rowe.

Use—Municipal.

Depth of well—581 feet.

Diameter of casing—12 inches.

Other numbers used—W. P. Rowe No. 89a; S. B. W. D. No. 2; State Div. E. and I. No. 92, San Bernardino Quad.; Location No. 18838.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1916—		1921—		1929—	
April 1.....	+69.7	Mar. 2.....	+53	Jan. 14.....	+27.7
Oct. 4.....	+60.4	April 22.....	+16	Mar. 16.....	+23.0
Nov. 3.....	+64.4	May 4.....	+26	April 12.....	+28.2
Dec. 30.....	+67.1	June 2.....	+48	Nov. 1.....	+4.6
		July 2.....	+11	Dec. 1.....	+4.6
		Nov. 14.....	+25		
1917—		1922—		1930—	
Mar. 25.....	+72.0	Jan. 11.....	+50	Jan. 1.....	+16.1
June 5.....	+58.5	Mar. 20.....	+60	April 1.....	+34.6
Sept. 25.....	+29.8	July 2.....	+45	May 1.....	+23.1
1919—		Dec. 4.....	+54	June 1.....	+9.2
May 6.....	+48.5			Aug. 1.....	0.0
Oct. 13.....	+48.5	1924—		Dec. 1.....	0.0
1920—		Oct. 28.....	+15	1931—	
Feb. 7.....	+54.3	1926—		Jan. 1.....	+20.7
Mar. 27.....	+64.7	Feb. 10.....	+29	Mar. 1.....	+27.7
May 11.....	+56.6	1927—		April 1.....	+4.6
July 16.....	+13.9	Dec. 27.....	+46.1	May 1.....	+13.8
Sept. 23.....	+17.3			Sept. 1.....	+4.6
Nov. 16.....	+49	1928—		Oct. 1.....	+0.5
		Feb. 3.....	+48.4		
		Mar. 1.....	+48.4		
		April 29.....	+6.9		
		June 2.....	+6.9		

Measurements from W. P. Rowe to and including February 10, 1926; then, from San Bernardino Water Department.

E-43-G-28, AL RAY (FORMERLY WATERMAN RANCH). MAP 7

Log Available

Location and description—0.31 miles west of Tippecanoe Street, 50 feet south of Cardiff Street, San Bernardino.

Reference point— $\frac{1}{4}$ -inch cock, 1.9 feet above ground.

Elevation of reference point—1053.1, from levels by W. P. Rowe.

Use—Irrigation.

Depth of well—1125 feet.

Diameter of casing—10 inches.

Other numbers used—W. P. Rowe No. 203B; S. B. W. D. No. 101; R. W. Co. No. 203B; State Div. E. and I. No. 95; San Bernardino Quad.; Location No. 18839.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1919—Cont.		1924—	
May 10.....	+74.1	Aug. 23.....	+15.0	Oct. 28.....	+54
July 12.....	+59.0	Oct. 11.....	+29.0		
Aug. 17.....	+41.1	Dec. 29.....	+72.7	1926—	
Oct. 19.....	+56.3			Feb. 10.....	+57
Dec. 23.....	+72.7	1920—		Oct. 9.....	+31
1916—		Feb. 7.....	+74.0		
Feb. 4.....	+71.4	Mar. 27.....	+82	1927—	
Mar. 10.....	+83.7	June 11.....	+48.5	Dec. 29.....	+76
Oct. 4.....	+73.6	July 16.....	+41.6		
Dec. 30.....	+80.7	Sept. 19.....	+55.4	1931—	
1917—		Nov. 21.....	+69.3	Mar. 10.....	+41.5
Mar. 25.....	+84.9	1921—		April 1.....	+28.8
June 29.....	+48.7	Mar. 26.....	+75	May 4.....	+39.2
1918—		June 2.....	+71	June 3.....	+27.7
Aug. 1.....	+39.2	July 3.....	+49	Aug. 3.....	+18.4
Sept. 25.....	+49.1	Nov. 15.....	+58	Sept. 2.....	+23.1
Dec. 4.....	+69.3	1922—		Oct. 5.....	+18.4
1919—		Jan. 16.....	+76	Nov. 16.....	+29.9
Mar. 12.....	+31.0	Mar. 20.....	+84	1932—	
May 6.....	+23.0	Sept. 24.....	+60	Jan. 4.....	+42.5
July 3.....	+16.0	Dec. 4.....	+60		

^a Measurements from Riverside Water Company.

^b Measurements from Division of Water Resources.

^c Measurements from San Bernardino Water Department.

Measurements from W. P. Rowe except as noted.

E-44-F-28, O. R. FAIRBROTHER. MAP 7

Location and description—50 feet south of Date Street, 0.15 miles west of Del Rosa Avenue, east of San Bernardino.

Reference point—Hole in west side of pump base, to and including July 3, 1931; then, top of concrete block, 0.4 feet above old R. P.

Elevation of reference point—1200 to and including July 3, 1931, then, 1200.4, from Met. W. D. topog. by D. W. R.

Use—Not used.

Depth of well—203 feet.

Diameter of casing—12 inches.

Other numbers used—S. B. W. D. No. 51; Location No. 18845.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
Nov. 6.....	93.1	Aug. 4.....	103.1	May 4.....	94.8
Dec. 9.....	96.0	Sept. 5.....	102.0	June 5.....	97.2
		Nov. 13.....	95.8	July 3.....	99.4
1930—		1931—		Sept. 3.....	100.9
Jan. 4.....	93.8	Jan. 5.....	94.9	Oct. 7.....	102.0
Mar. 9.....	92.6	Feb. 11.....	94.3	Nov. 17.....	101.9
May 6.....	94.0	Mar. 6.....	98.9	1932—	
June 5.....	96.1	April 2.....	99.8	Jan. 4.....	100.0
July 8.....	101.1				

Measurements from San Bernardino Water Department.

E-45-F-28, GEORGE M. COOLEY. MAP 7

Location and description—0.36 miles south of Highland Avenue, 650 feet west of Del Rosa Avenue, 50 feet west of Del Rosa Avenue produced south, east of San Bernardino.

Reference point—Top of blocks over casing, 1.3 feet above ground, to and including October 23, 1925; then, top of casing, at ground.

Elevation of reference point—1147.8, to and including October 23, 1925; then, 1147.4; from levels by W. P. Rowe.

Use—Not used.

Depth of well—66 feet.

Diameter of casing—7 inches.

Other numbers used—S. B. W. D. No. 22; R. W. Co. No. P-182A; W. P. Rowe No. 182A; W. S. P.-142, No. 316, San Bernardino; W. S. P. 468, No. 100; State Div. E. and I. No. 126, San Bernardino Quad.; Location No. 18846.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1918—		1928—	
Oct. -----	^a 42.0	May 2 -----	^a 32.0	Feb. 2 -----	^a 47.0
		Oct. 10 -----	^a 34.6	April 30 -----	47.8
1904—				June 2 -----	48.8
Oct. -----	^a 60.0	1919—		July 3 -----	50.7
		May 12 -----	^a 34.2	Sept. 4 -----	51.5
1906—		Nov. 2 -----	^a 38.6	Dec. 5 -----	52.4
Oct. -----	^a 61.0				
		1920—		1929—	
1912—		May 14 -----	^a 36.6	Jan. 14 -----	56.4
Oct. 16-18 -----	^a 40.2	Nov. 1 -----	^a 39.8	Mar. 27 -----	52.7
				June 24 -----	54.7
1914—		1922—		Sept. 28 -----	58.5
Oct. 26 -----	^a 42.0	Oct. 24 -----	^a 39.5	Dec. 9 -----	58.9
1915—		1923—		1930—	
May 12 -----	^a 31.2	Nov. 20 -----	^a 36.8	Jan. 4 -----	59.6
Dec. 23 -----	^b 37.6			Mar. 9 -----	56.9
		1924—		May 6 -----	56.9
1916—		Nov. 26 -----	^a 40.9	July 8 -----	59.2
Mar. 9 -----	^b 33.3			Oct. 11 -----	62.2
Nov. 17 -----	^b 33.3	1925—		Nov. 13 -----	62.4
		Oct. 23 -----	^a 45.3	Dec. 9 -----	60.4
1917—					
Nov. 23 -----	^a 32.7	1927—		1931—	
		Dec. 19 -----	^a 47.0	Jan. 5 -----	60.4
				Mar. 6 -----	61.2
				April 2 -----	62.4
				June 5 -----	60.9

^a Measurement from United States Geological Survey (Water Supply Paper 468).

^b Measurement from W. P. Rowe.

^c Measurement from Division of Water Resources.

Measurements from San Bernardino Water Department except as noted.

E-45e-F-29, LOUIS E. JOHNSON (FORMERLY SEE ESTATE). MAP 7

Location and description—30 feet south of Highland Avenue, 0.16 miles east of Sterling Avenue, east of San Bernardino.

Reference point—Top of concrete pit, at ground.

Elevation of reference point—1181, from Met. W. D. topog. by D. W. R.

Use—Irrigation.

Other numbers used—S. B. W. D. No. 21; Location No. 18856.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1930—	
Dec. 19 -----	79.8	Jan. 14 -----	88.9	Feb. 6 -----	100.8
		Feb. 21 -----	89.7	April 4 -----	101.6
1928—		Mar. 27 -----	89.2	June 5 -----	102.6
Feb. 1 -----	79.9	May 4 -----	93.1		
Mar. 1 -----	76.7	Sept. 28 -----	99.8	1931—	
April 30 -----	83.8	Nov. 2 -----	100.3	Jan. 5 -----	99.6
Sept. 4 -----	97.2	Dec. 7 -----	101.7	Mar. 6 -----	102.0
Oct. 4 -----	99.2			April 2 -----	103.9
Dec. 4 -----	87.0			Sept. 3 -----	109.0
				Sept. 7 -----	110.7
				Nov. 17 -----	110.2

Measurements from San Bernardino Water Department.

E-46-G-28, A. H. BESSANT. MAP 7

Location and description—100 feet south of Base Line Avenue, 0.25 miles east of Stiles Street, east of San Bernardino. Hand pump.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—1085.2, from levels by Howard Way.

Depth of well—60 feet.

Diameter of casing—8 inches.

Other numbers used—S. B. W. D. No. 54; S. B. V. C. D. No. 19; Location No. 18847.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1932—	
Nov. 5.....	12 0	Jan. 6.....	13 2	Jan. 5.....	14 9
Dec. 9.....	12 3	Mar. 5.....	12 5		
		May 4.....	13 5		
1930—		July 2.....	16 2		
Feb. 7.....	10 9	Aug. 3.....	15 3		
April 3.....	10 9	Oct. 4.....	15 5		
June 6.....	12 4	Nov. 16.....	15 7		
Sept. 5.....	13 3				
Nov. 13.....	13 6				

Measurements from San Bernardino Water Department.

E-46d-F-28, L. J. CONLEY. MAP 7

Location and description—0.05 miles north of Pacific Avenue (produced), 100 feet west of Sterling Street, east of San Bernardino.

Reference point—Copper tack in wooden clamp, 0.5 feet above ground, to and including February 2, 1928; then, top of casing, 0.3 feet above ground.

Elevation of reference point—1145.4, to and including February 2, 1928; then, 1145.2, from levels by W. P. Rowe.

Use—Not used.

Depth of well—50 feet.

Diameter of casing—5 inches.

Other numbers used—W. P. Rowe No. 227; State Div. E. and I. No. 132, Redlands Quad.; R. W. Co. No. 332A; S. B. W. D. No. 20, Location No. 18857.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1928—		1930—	
Feb. 8.....	a27 0	Feb. 2.....	33 1	Dec. 9.....	49 0
April 7.....	a25 2	April 30.....	32 0		
July 17.....	a24 0	June 2.....	34 7	1931—	
Sept. 14.....	b25 5	Aug. 2.....	37 4	Jan. 5.....	48 8
Oct. 18.....	b25 8	Oct. 4.....	38 6	Mar. 5.....	49 0
Dec. 22.....	b25 2	Dec. 5.....	40 1	May 4.....	49 8
				June 4.....	49 9
1916—		1929—		July 3.....	50 Dry
Jan. 3.....	b25 0	May 4.....	42 2		
Mar. 27.....	b21 9	June 24.....	47 0		
April 22.....	b21 3				

^a Measurement from Riverside Water Company.

^b Measurement from W. P. Rowe.

Measurements from San Bernardino Water Department except as noted.

E-46e-F-29, TOM SHAY. MAP 7

Location and description—20 feet north of Base Line Avenue, 0.2 miles east of Sterling Street, east of San Bernardino.

Reference point— $\frac{1}{2}$ -inch plug, at ground.

Elevation of reference point—1115.6, from levels by Howard Way.

Use—Domestic.

Depth of well—500 feet.

Other numbers used—W. P. Rowe No. 73; State Div. E. and I. No. 104, Redlands Quad.; S. B. V. C. D. No. 16; S. B. W. D. No. 91; Location No. 18857A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1927—		1931—Cont.	
April 8.....	*+20.8	Dec. 19.....	5.8	July 2.....	17.9
May 24.....	*+23.1			Sept. 2.....	19.8
Dec. 10.....	*+19.6	1931—		Nov. 16.....	19.7
		Jan. 7.....	16.5		
1916—		Mar. 5.....	15.3	1932—	
April 1.....	*+26.4	May 4.....	16.1	Jan. 4.....	18.9

* Measurement from W. P. Rowe.

Measurements from San Bernardino Water Department except as noted.

C-47d-G-28, W. H. POOLE. MAP 7

Location and description—125 feet north of Sixth Street, 0.17 miles east of Stiles Street, east of San Bernardino.

Reference point—Top of clamp, 1.7 feet above ground, to and including April 15, 1916; then, top of curb, at ground.

Elevation of reference point—1073.7, to and including April 15, 1916; then, 1072.0; from levels by W. P. Rowe.

Use—Domestic.

Depth of well—20 feet

Diameter of casing—6 inches.

Other numbers used—W. P. Rowe No. P-317; S. B. W. D. No. 73; S. B. V. C. D. No. 6; Location No. 18848D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1930—		1931—Cont.	
June 22.....	*4.3	Feb. 7.....	9.0	Aug. 31.....	^b 11.8
Aug. 17.....	*5.1	July 7.....	8.3	Sept. 22.....	^b 12.5
Oct. 19.....	*4.9	Sept. 6.....	10.4	Nov. 16.....	13.3
Dec. 23.....	*4.0	Nov. 13.....	11.4		
1916—		1931—		1932—	
Jan. 14.....	*6.7	Jan. 5.....	11.5	Jan. 4.....	13.1
Mar. 22.....	*2.7	Mar. 5.....	11.1		
April 15.....	*3.3	June 4.....	11.5		

* Measurement from W. P. Rowe.

^b Measurement from San Bernardino Valley Conservancy District.

Measurements from San Bernardino Water Department except as noted.

E-47c-G-28, MRS. J. B. BLEDSOE. MAP 7

Location and description—75 feet north of Sixth Street, 0.08 miles west of Sterling, east of San Bernardino.

Reference point—Top of casing, 0.6 feet above ground

Elevation of reference point—1101.2, from levels by W. P. Rowe.

Use—Domestic.

Depth of well—40 feet

Diameter of casing—7 inches.

Other numbers used—W. P. Rowe No. 325; R. W. Co. No. 316R; S. B. W. D. No. 3, Location No. 18858.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912—		1918—Cont.		1925—	
April 6.....	5.8	July 5.....	5.7	Jan. 24.....	7.9
May 3.....	5.7	Sept. 9.....	6.5	April 15.....	7.3
July 6.....	6.0	Nov. 8.....	6.8	July 25.....	8.8
Sept. 5.....	8.0	Dec. 7.....	5.9	Sept. 23.....	10.4
Dec. 1.....	7.9			Nov. 21.....	11.3
		1919—		Dec. 30.....	11.2
1913—		Jan. 4.....	6.4		
Jan. 23.....	7.9	Mar. 5.....	5.2	1926—	
Mar. 5.....	6.7	May 8.....	4.5	Feb. 18.....	11.2
May 14.....	8.8	July 7.....	5.9	April 20.....	8.6
June 11.....	7.3	Sept. 26.....	7.4	June 7.....	8.3
July 17.....	10.3	Nov. 6.....	6.4	Aug. 14.....	11.5
Oct. 18.....	9.5	Dec. 12.....	6.9	Dec. 13.....	13.5
Dec. 20.....	10.4				
1914—		1920—		1927—	
Jan. 22.....	9.2	Jan. 8.....	6.9	Jan. 13.....	13.2
Mar. 24.....	5.5	Mar. 13.....	5.2	April 13.....	8.8
May 13.....	4.9	May 7.....	4.6	July 8.....	9.1
July 7.....	5.8	July 7.....	4.9	Oct. 3.....	11.4
Aug. 5.....	6.6	Sept. 4.....	6.3	Nov. 3.....	12.4
Oct. 5.....	7.0	Oct. 4.....	6.8	Dec. 19.....	10.1
Dec. 4.....	7.3	Dec. 8.....	6.6		
1915—		1921—		1928—	
Jan. 4.....	6.9	Jan. 7.....	6.8	Feb. 3.....	b11.5
Feb. 13.....	4.3	Mar. 14.....	4.0	April 2.....	b10.8
Mar. 14.....	5.0	May 13.....	5.2	June 2.....	b11.7
May 17.....	4.7	July 13.....	5.8	Aug. 2.....	b12.9
Aug. 25.....	a6.3	Sept. 9.....	7.1	Oct. 4.....	b14.7
Oct. 16.....	a6.6	Dec. 18.....	8.1	Dec. 4.....	b16.2
Dec. 8.....	6.1				
1916—		1922—		1929—	
Jan. 12.....	4.9	Jan. 11.....	4.3	Jan. 14.....	b16.8
Feb. 4.....	3.3	Feb. 2.....	3.4	Mar. 25.....	b17.2
April 5.....	4.5	April 7.....	4.5	May 2.....	b16.0
June 5.....	4.7	June 3.....	4.6	Aug. 14.....	b18.9
Aug. 29.....	a6.9	Sept. 13.....	6.0	Nov. 6.....	b19.8
Sept. 12.....	5.0	Nov. 4.....	6.6	Dec. 9.....	b20.5
Dec. 23.....	4.7				
1917—		1923—		1930—	
Jan. 11.....	4.6	Jan. 8.....	5.0	Jan. 3.....	b21.7
Mar. 2.....	3.9	Mar. 8.....	4.5	Mar. 9.....	b21.2
May 3.....	4.7	May 10.....	4.7	June 5.....	b22.1
July 14.....	5.2	July 6.....	4.9	Aug. 5.....	b21.5
Sept. 14.....	6.0	Sept. 17.....	6.8	Oct. 11.....	b22.3
Oct. 4.....	7.5	Oct. 5.....	6.4	Dec. 9.....	b22.7
Dec. 10.....	5.8	Dec. 8.....	6.3		
1918—		1924—		1931—	
Jan. 5.....	5.6	Feb. 15.....	6.0	Jan. 5.....	b22.5
Mar. 5.....	4.9	April 7.....	5.0	Mar. 4.....	b23.2
May 14.....	5.7	Aug. 22.....	7.1	May 4.....	b23.9
		Nov. 13.....	8.3	July 31.....	25.9
		Dec. 29.....	7.8	Sept. 4.....	26.1
				Nov. 5.....	27.5
				1932—	
				Jan. 4.....	27.4

^a Measurement from Riverside Water Company.

^b Measurement from San Bernardino Water Department.

Measurements from Water Conservation Association except as noted.

E-48-G-28, MARY C. FREITAS. MAP 7

Location and description—100 feet south of Third Street, 0.46 miles west of Sterling Street, east of San Bernardino. 3-foot concrete pit.

Reference point—Top of casing, 1.7 feet above ground.

Elevation of reference point—1090.2, from levels by Howard Way.

Use—Domestic.

Depth of well—50 feet.

Diameter of casing—6 inches.

Other numbers used—S. B. W. D. No. 102; R. W. Co. No. 315A; W. P. Rowe No. 314, Location No. 18849.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912—		1919—		1926—	
April 6.....	7.5	Jan. 4.....	7.9	Feb. 18.....	11.9
July 6.....	9.7	Mar. 5.....	7.2	Mar. 22.....	12.1
Aug. 7.....	11.1	May 8.....	8.4	April 21.....	9.7
Oct. 12.....	10.8	July 10.....	9.2	July 16.....	9.7
Dec. 1.....	11.6	Sept. 26.....	10.7	Oct. 2.....	15.2
		Nov. 6.....	10.0	Nov. 10.....	15.6
1913—		Dec. 12.....	8.9	Dec. 13.....	14.0
Jan. 23.....	9.6				
Mar. 5.....	8.0	1920—		1927—	
May 14.....	10.2	Jan. 8.....	8.8	Jan. 13.....	12.8
July 14.....	12.8	Mar. 13.....	7.4	Mar. 15.....	8.9
Sept. 23.....	14.7	May 7.....	5.9	May 6.....	11.0
Oct. 14.....	11.9	July 6.....	8.0	June 6.....	11.4
Dec. 20.....	11.2	Sept. 8.....	9.8	Aug. 3.....	13.4
		Nov. 5.....	9.3	Oct. 3.....	15.3
1914—		Dec. 8.....	9.2	Dec. 5.....	13.1
Jan. 22.....	9.3				
Mar. 24.....	6.6	1921—		1928—	
May 13.....	6.9	Jan. 8.....	9.2	Jan. 4.....	11.5
July 7.....	8.9	Mar. 11.....	7.8	Mar. 2.....	10.1
Aug. 5.....	9.4	June 2.....	7.8	April 6.....	12.9
Oct. 2.....	9.1	July 13.....	9.5	June 11.....	14.8
Dec. 4.....	9.5	Sept. 8.....	10.7	Aug. 13.....	17.8
		Nov. 3.....	10.3	Oct. 8.....	20.0
1915—		Dec. 8.....	10.4	Nov. 10.....	20.1
Jan. 4.....	8.6			Dec. 14.....	18.7
Mar. 2.....	6.0	1922—			
May 4.....	6.5	Feb. 2.....	7.2	1929—	
July 6.....	6.8	Mar. 10.....	6.4	Jan. 10.....	18.3
Sept. 10.....	8.4	June 5.....	7.2	Mar. 13.....	17.2
Oct. 8.....	9.3	July 12.....	8.0	June 2.....	20.8
Dec. 8.....	8.7	Sept. 8.....	9.0	Aug. 2.....	23.2
		Nov. 4.....	9.2	Sept. 2.....	22.2
1916—		Dec. 5.....	8.2	Nov. 6.....	24.3
Jan. 12.....	7.5			Dec. 12.....	25.9
Mar. 7.....	5.7	1923—			
May 2.....	6.1	Jan. 8.....	7.3	1930—	
July 17.....	6.9	Mar. 7.....	6.9	Jan. 4.....	25.7
Sept. 13.....	6.5	May 10.....	7.4	Mar. 13.....	21.3
Nov. 24.....	6.5	July 6.....	9.2	April 2.....	20.6
Dec. 20.....	7.2	Sept. 17.....	9.8	June 12.....	23.0
		Oct. 5.....	9.7	Sept. 5.....	26.0
1917—		Dec. 8.....	9.4	Nov. 5.....	27.3
Jan. 11.....	7.4			Dec. 6.....	26.0
Mar. 2.....	6.0	1924—			
April 3.....	5.8	Feb. 14.....	8.1	1931—	
May 3.....	6.6	April 7.....	8.0	Jan. 20.....	24.8
July 14.....	7.9	May 28.....	9.0	Feb. 18.....	23.6
Sept. 14.....	9.1	Aug. 25.....	11.4	Mar. 16.....	23.0
Oct. 4.....	8.7	Dec. 29.....	10.0	April 9.....	26.7
Dec. 10.....	8.3			June 11.....	27.6
		1925—		July 31.....	26.3
1918—		Jan. 17.....	10.3	Sept. 4.....	30.4
Feb. 8.....	7.7	Mar. 6.....	9.4	Nov. 6.....	32.9
April 8.....	6.6	April 13.....	9.8	Dec. 22.....	30.6
June 8.....	7.3	July 25.....	13.0		
Aug. 8.....	9.0	Sept. 23.....	14.7		
Oct. 11.....	9.5	Nov. 20.....	13.4		
Dec. 7.....	8.4	Dec. 28.....	12.2		

Measurements from Water Conservation Association.

E-49-F-29, WEST HIGHLAND WATER COMPANY. MAP 7

Log Available

Location and description—20 feet south of Highland Avenue, 0.09 miles west of Victoria Avenue, east of San Bernardino. In corrugated iron pump house.

Reference point—Bottom of pump base at floor and 1 foot above ground.

Elevation of reference point—1268.2, from levels by W. P. Rowe.

Use—Irrigation.

Depth of well—224 feet.

Diameter of casing—18 inches.

Other numbers used—W. P. Rowe No. 105, S. B. W. D. No. 19, State Div. E. and I. No. 103, Redlands Quad.; Location No. 18876.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1929—		1931—	
June 5.....	*115.7	Jan. 15.....	141.6	Jan. 5.....	152.0
Dec. 14.....	*120.5	Feb. 21.....	138.8	Feb. 9.....	151.4
		Mar. 27.....	139.4	Mar. 6.....	152.1
1916—		May 4.....	140.7	May 5.....	152.0
April 3.....	*116.7	Nov. 6.....	155.1	Oct. 7.....	163.1
		Dec. 9.....	152.1	Nov. 17.....	160.7
1927—		1930—		1932—	
Dec. 17.....	132.8	Jan. 4.....	153.0	Jan. 4.....	157.1
1928—		Mar. 9.....	147.2		
Feb. 2.....	131.8	May 6.....	147.4		
Mar. 1.....	129.3	June 5.....	149.4		
April 30.....	135.5	Sept. 5.....	160.0		
Dec. 5.....	141.7	Oct. 11.....	158.9		
		Dec. 10.....	153.4		

* Measurement from W. P. Rowe.

Measurements from San Bernardino Water Department except as noted.

E-49d-F-29, STATE OF CALIFORNIA—PATTON HOSPITAL. MAP 7

Log Available

Location and description—150 feet south of Highland Avenue, 0.16 miles west of Central Avenue, east of San Bernardino.

Reference point—Top of casing in bottom of pit, 4.0 feet below ground.

Elevation of reference point—1289, from Met. W. D. topog. by D. W. R.

Use—Domestic.

Depth of well—351 feet.

Diameter of casing—18 inches.

Other numbers used—State Div. E. and I. No. 101, Redlands Quad.; R. W. Co. No. 244A; S. B. W. D. No. 18; Location No. 18876A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Dec. 17.....	141.9	Jan. 15.....	150.1	Jan. 5.....	161.9
1928—		Feb. 21.....	147.6	Mar. 6.....	150.0
Feb. 2.....	139.5	May 5.....	147.4	April 2.....	159.6
Mar. 1.....	138.4	Aug. 17.....	159.7	May 5.....	162.0
April 2.....	143.6	Nov. 16.....	162.8	Nov. 17.....	166.7
June 2.....	151.5	Dec. 7.....	162.1		
Sept. 4.....	161.3	1930—		1932—	
Oct. 4.....	160.2	Feb. 6.....	158.2	Jan. 4.....	167.7
		April 2.....	156.6		
		June 5.....	156.7		
		Aug. 6.....	164.5		
		Oct. 14.....	166.0		
		Dec. 10.....	162.8		

Measurements from San Bernardino Water Department.

E-50a-F-29, EDWARDS BROTHERS. MAP 7

Log Available

Location and description—600 feet south of Pacific Street, 55 feet west of Orange Street (produced south), east of San Bernardino.

Reference point—Bottom of pump base, at ground.

Elevation of reference point—1147.6, from levels by W. P. Rowe.

Use—Irrigation and domestic.

Depth of well—500 feet.

Diameter of casing—16 inches.

Other numbers used—S. B. W. D. No. 64A; Location No. 18867A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
May 4.....	37.1	Aug. 3.....	48.6	Jan. 4.....	44.4
June 4.....	37.8	Oct. 5.....	48.4		
July 3.....	47.6	Nov. 16.....	46.8		

Measurements from San Bernardino Water Department.

E-50c-F-29, EAST HIGHLAND ORANGE COMPANY. MAP 7

Log Available

Location and description—600 feet south of Pacific Street, 40 feet west of Orange Street (produced south), east of San Bernardino.

Reference point—Bottom of pump base, at ground.

Elevation of reference point—1148.1, from levels by W. P. Rowe.

Use—Abandoned.

Depth of well—752 feet.

Other numbers used—S. B. W. D. No. 64; W. P. Rowe No. 115; Location No. 18867.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1929—		1930—	
April 17.....	4.7	Jan. 14.....	24.8	Jan. 4.....	*39.3
May 24.....	3.3	Feb. 21.....	22.1	Mar. 9.....	*36.4
		June 24.....	34.1	April 4.....	*35.9
1916—		Nov. 6.....	38.7	June 5.....	*37.4
Mar. 28.....	Flowing	Dec. 9.....	39.0	Aug. 5.....	*41.3
				Oct. 11.....	*43.1
1927—				Nov. 13.....	*42.1
Dec. 19.....	17.0				
				1931—	
1928—				Jan. 5.....	*42.1
Mar. 1.....	13.8			Feb. 9.....	*40.0
June 2.....	26.0				Destroyed
Sept. 4.....	33.3				

* Measurement from San Bernardino Water Department.
Measurements from W. P. Rowe except as noted.

E-50d-G-29, GEORGE MILLER. MAP 7

Location and description—0.12 miles north of Pacific Avenue, 250 feet east of Victoria Street, east of San Bernardino.

Reference point—Top of casing, 0.8 feet above ground.

Elevation of reference point—1205.9, from levels by W. P. Rowe.

Use—Not used.

Depth of well—92 feet.

Diameter of casing— $5\frac{1}{2}$ inches.

Other numbers used—S. B. W. D. No. 76, R. W. Co. No. 366; W. P. Rowe No. P-133, Location No. 18877.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1930—		1931—	
Feb. 8.....	*62.2	Feb. 8.....	86.7	Jan. 5.....	92.2
Mar. 11.....	*60.7	April 4.....	84.7	Mar. 5.....	89.2
June 11.....	*59.3	June 5.....	86.8	May 4.....	90.6
		July 7.....	94.7	June 4.....	95.3
		Sept. 8.....	98.7	July 3.....	Dry
		Nov. 13.....	98.5	Oct. 5.....	Dry
				1932—	
				Jan. 4.....	Dry

* Measurement from Riverside Water Company.

Measurements from San Bernardino Water Department except as noted.

E-50i-G-29, ELEANOR LEDFORD (FORMERLY MRS. HAWES). MAP 7

Location and description—150 feet south of Base Line Avenue, 0.46 miles east of Sterling Street, east of San Bernardino. 15 feet east of No. 103a in W. S. P. 408.

Reference point—Top of casing, at ground.

Elevation of reference point—1121, from Met. W. D. topog. by D. W. R.

Use—Domestic.

Depth of well—138 feet.

Diameter of casing—3 inches.

Other numbers used—Location No. 18867D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
May 10.....	2.9	Feb. 21.....	6.9	Feb. 18.....	9.8
Aug. 30.....	12.0	July 29.....	15.6	June 10.....	15.0
Nov. 9.....	11.6	Dec. 2.....	11.8	Aug. 6.....	20.5
				Nov. 18.....	19.0

Measurements from United States Geological Survey.

E-51d-G-29, WILLIAM HOAG (FORMERLY HAWS & MCKINLEY). MAP 7

Location and description—0.33 miles south of Base Line Avenue, 40 feet west of Pepper Street, east of San Bernardino. Casing in bottom of 6-foot pit.

Reference point—(a) Top of concrete pit, east side, 1.5 feet below ground; (b) Bottom of 6 x 6 cross timbers, at ground.

Elevation of reference point—(a) 1145.1; (b) 1146.6; from levels by S. B. V. C. D.

Use—Irrigation.

Depth of well—425 feet.

Diameter of casing—12 inches.

Other numbers used—S. B. W. D. No. 116; W. P. Rowe No. 124, R. W. Co. No. 343, S. B. V. C. D. No. 14; Location No. 18878C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1916—		1931—Cont.	
Mar. 12.....	a+c+9.9	Mar. 31.....	Flowing	Sept. 21.....	b44.4
April 7.....	a+c+10.6			Oct. 3.....	b43.6
June 11.....	a+c+9.7	1931—		Nov. 16.....	a42.1
Aug. 3.....	a+c+10.4	April 2.....	a433.8		
Sept. 18.....	a+c+6.2	June 4.....	a437.2	1932—	
Oct. 13.....	a+c+14.3	July 29.....	b43.2	Jan. 4.....	a438.9
		Aug. 24.....	b43.3		

a Reference point (a) used.

b Reference point (b) used.

c Measurement from Riverside Water Company.

d Measurement from San Bernardino Water Department.

Measurements from San Bernardino Valley Conservancy District except as noted.

E-52g-G-29, B. H. MATTESON (FORMERLY ROY BRADLEY). MAP 7

Location and description—20 feet south of Old City Creek Road (4th Street), 15 feet west of Pepper Street, east of San Bernardino.

Reference point—(a) Top of curb of brick pit, 2.0 feet below ground; (b) Top of floor, at ground. (c) Top of brick caisson, at ground; (d) Concrete box, 1 foot below ground.

Elevation of reference point—(a) 1139.6; (b) 1141.6; (c) 1141.6; (d) 1140.6; from levels by W. P. Rowe.

Use—Irrigation and domestic.

Other numbers used—S B W D No. 4; W. P. Rowe No. 126; R. W. Co. No. 298, Redlands; W. C. A. "Bradley" Brick; S. B. V. C. D. No. 24; Location No. 18879B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912—		1919—		1925—Cont.	
Aug. 7.....	a14 7	Jan. 4.....	a9 6	July 24.....	c20 7
Oct. 12.....	a17 4	Mar. 5.....	a8 6	Oct. 22.....	c23 2
Dec. 1.....	a18 2	April 4.....	a4 9	Nov. 20.....	c23 5
		June 11.....	a7 7	Dec. 28.....	c23 0
1913—		Aug. 28.....	a12 6		
Jan. 23.....	a17 9	Sept. 25.....	a13 8	1926—	
Mar. 5.....	a16 1	Nov. 6.....	a13 7	Feb. 18.....	c20 3
May 4.....	a17 5	Dec. 12.....	a11 4	Mar. 22.....	c21 8
June 11.....	a18 7			April 21.....	c15 3
Sept. 23.....	a22 6	1920—		June 8.....	c16 9
Oct. 18.....	a22 9	Jan. 8.....	a11 3	Aug. 16.....	c22 3
Dec. 20.....	a22 4	Feb. 7.....	a11 9	Oct. 2.....	c24 7
		April 8.....	a2 1	Nov. 10.....	c25 9
1914—		June 4.....	a3 3	Dec. 13.....	c26 1
Jan. 22.....	a19 4	Aug. 6.....	a8 9		
Mar. 24.....	a6 8	Oct. 4.....	a12 8	1927—	
May 13.....	a4 7	Dec. 8.....	a12 1	Jan. 13.....	c25 5
July 7.....	a7 8			Mar. 15.....	c14 8
Sept. 1.....	a11 9	1921—		May 6.....	c11 3
Nov. 5.....	a16 3	Jan. 8.....	a12 2	Aug. 3.....	c19 1
Dec. 4.....	a15 1	Feb. 11.....	a6 2	Oct. 3.....	c22 5
1915—		April 9.....	a7 1	Nov. 3.....	c25 0
Feb. 13.....	b c6 9	June 2.....	a6 8	Dec. 19.....	c123 3
Mar. 8.....	b c5 8	Aug. 10.....	a12 6		
May 17.....	b c5 5	Nov. 3.....	a15 6	1928—	
July 28.....	b c9 4	Dec. 8.....	a16 1	Feb. 3.....	c121 2
Sept. 14.....	b c11 9			Mar. 1.....	c120 1
Oct. 13.....	b c13 1	1922—		April 30.....	c121 5
1916—		Feb. 2.....	a1 7	July 5.....	c124 9
Jan. 12.....	a9 7	Mar. 10.....	a2 3	Sept. 4.....	c128 8
Feb. 4.....	a1 3	April 7.....	a2 5		
Mar. 7.....	a0 7	May 10.....	a2 0	1929—	
May 2.....	a2 2	July 8.....	a4 1	Jan. 14.....	c130 3
July 17.....	a4 7	Aug. 4.....	a5 3	Mar. 25.....	c127 8
Sept. 13.....	a6 2	Nov. 4.....	a8 2	May 2.....	c126 3
Nov. 24.....	a7 3	Dec. 5.....	a7 3	Aug. 14.....	d131 0
Dec. 20.....	a5 0			Nov. 6.....	d134 7
1917—		1923—		Dec. 9.....	d135 8
Jan. 11.....	a3 1	Jan. 8.....	a5 2		
Mar. 2.....	a2 0	Mar. 7.....	a2 7	1930—	
May 3.....	a2 8	June 5.....	a4 8	Jan. 3.....	d135 1
July 14.....	a5 4	Oct. 6.....	a10 8	Mar. 9.....	d135 5
Sept. 13.....	a8 1	Dec. 8.....	a10 3	May 6.....	d133 1
Oct. 4.....	a9 6			June 5.....	d131 1
Dec. 10.....	a9 2	1924—		Aug. 5.....	d133 3
1918—		Jan. 12.....	a9 3	Sept. 5.....	d133 1
Jan. 5.....	a9 3	Mar. 6.....	c11 7	Dec. 9.....	d139 8
Mar. 4.....	a7 4	April 7.....	c9 5		
April 8.....	a4 0	July 10.....	c13 5	1931—	
June 8.....	a5 8	Sept. 12.....	c16 6	Jan. 5.....	d139 0
Aug. 8.....	a9 0	Nov. 8.....	c18 0	Mar. 5.....	d137 7
Oct. 11.....	a10 9	Dec. 29.....	c17 0	April 1.....	d137 2
Nov. 8.....	a11 2			June 4.....	d138 1
Dec. 7.....	a10 3	1925—		Oct. 5.....	d144 1
		Jan. 17.....	c17 0	Nov. 16.....	d145 6
		Mar. 6.....	c17 5		
		April 13.....	c15 7	1932—	
				Jan. 4.....	d143 9

a Reference point (a) used.

b Reference point (b) used.

c Reference point (c) used.

d Reference point (d) used.

e Measurements from Riverside Water Company.

f Measurements from San Bernardino Water Department.

g Measurements from Water Conservation Association except as noted.

E-54-F-29, CORWIN BROTHERS. MAP 7

Location and description—20 feet south of Atlantic Street, 0.27 miles west of Boulder Avenue, east of San Bernardino.

Reference point—Hole in pump base, at ground.

Elevation of reference point—1410, from Met. W. D. topog. by D. W. R.

Use—Irrigation.

Depth of well—504 feet.

Diameter of casing—20 inches.

Other numbers used—S. B. W. D. No. 49; Location No. 18896.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1930—Cont.		1931—	
Jan. 5.....	264 0	June 5.....	256 0	Jan. 5.....	265 0
Feb. 6.....	261 0	Nov. 13.....	271 0	Mar. 6.....	262 5
Mar. 9.....	257 0	Dec. 9.....	265 0	May 5.....	264 5
April 4.....	257 0			June 4.....	266 0
				Nov. 3.....	285 0

Measurements from San Bernardino Water Department.

E-55-F-29, MRS. M. E. BAGWELL. MAP 7

Location and description—600 feet east of Central Street, 100 feet south of Pacific, east of San Bernardino.

Reference point—Top of casing, 1.3 feet above ground.

Elevation of reference point—1255.0, from levels by W. P. Rowe.

Use—Abandoned.

Depth of well—140 feet.

Diameter of casing—12 inches.

Other numbers used—S. B. W. D. No. 17; W. P. Rowe No. 119; State Div. E. and I. No. 2, Redlands; Location No. 18887.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1899.....	96	1920—		1928—	
1915—		Feb. 7.....	105 3	Feb. 2.....	*114 3
April 17.....	102 7	Mar. 27.....	104 1	Mar. 1.....	*112 9
May 26.....	101 2	May 12.....	102 0	April 30.....	*110 1
Aug. 18.....	102 9	June 18.....	102 5	July 3.....	*117 4
Oct. 18.....	104 3	July 16.....	104 7	Sept. 4.....	*122 5
Dec. 22.....	102 4	Sept. 23.....	108 2	Oct. 4.....	*124 1
		Nov. 21.....	106 9	Dec. 5.....	*124 4
1916—		1921—		1929—	
Jan. 3.....	102 0	Mar. 25.....	104 0	Jan. 14.....	*122 6
Mar. 9.....	96 7	June 2.....	105 1	Mar. 27.....	*120 6
April 22.....	94 2	July 3.....	106 4	June 24.....	*126 8
Oct. 4.....	93 9	Nov. 15.....	109 5	Sept. 28.....	*134 0
Dec. 31.....	93 3			Oct. 15.....	133 7
1917—		1922—		Dec. 9.....	*133 1
May 31.....	92 9	Jan. 16.....	107 0	1930—	
July 30.....	97 2	Mar. 29.....	100 2	Jan. 4.....	*133 0
1918—		July 4.....	97 2	Mar. 9.....	*131 5
Jan. 2.....	98 9	Sept. 24.....	98 6	May 6.....	*131 6
Mar. 2.....	99 0	Dec. 9.....	97 1	June 5.....	*130 7
June 2.....	98 0	1924—		Aug. 5.....	*131 6
Dec. 4.....	101 6	Oct. 8.....	110 0	Sept. 8.....	*134 0
1919—		1925—		1931—	
Mar. 11.....	100 4	Jan. 4.....	115 1	Jan. 5.....	140 Dry
April 15.....	99 5	Nov. 24.....	*116 3	Mar. 5.....	133 7
June 28.....	103 4	Dec. 24.....	*116 1	May 4.....	135 3
Aug. 22.....	108 0	1927—		June 4.....	137 4
Oct. 11.....	108 3	Dec. 19.....	*116 5	1932—	
Nov. 20.....	106 8			Jan. 4.....	140 Dry

^a Measurements from Division of Water Resources.

^b Measurements from P. E. Hicks.

^c Measurements from San Bernardino Water Department.

Measurements from W. P. Rowe except as noted.

E-55b-G-29, G. T. HENSLEE. MAP 7

Location and description—125 feet south of Base Line Avenue, 0.26 miles west of Boulder Avenue, east of San Bernardino.

Reference point—Top of casing, at ground.

Elevation of reference point—1285, from Met. W. D. topog. by D. W. R.

Use—Irrigation.

Other numbers used—State Div. E. and f. No. 100, Redlands Quad.; S. B. W. D. No. 100; Location No. 18897.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927— Dec. 19.....	*122.9	1931— Mar. 6..... April 2..... May 5..... Oct. 7.....	136.9 136.0 134.1 145.5	1932— Jan. 4.....	156.3

* Measurements from Division of Water Resources.

Measurements from San Bernardino Water Department except as noted.

E-56a-G-29, F. E. MOORE (FORMERLY J. P. SCOTT). MAP 7

Location and description—150 feet south of Cypress Street, 40 feet west of Central Street, east of San Bernardino.

Reference point—Top of concrete caisson, 0.5 feet above ground.

Elevation of reference point—1170, from Met. W. D. topog. by D. W. R.

Use—Irrigation.

Other numbers used—S. B. W. D. No. 6; W. S. P. 468, No. 104; State Div. E. and I. No. 107, Redlands Quad.; Location No. 18888A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1912— Oct. 16-18.....	*27.4	1918— Oct. 10.....	21.3	1927— June 1..... Aug. 27..... Nov. 3..... Dec. 19.....	23.8 33.2 34.8 31.9
1914— Oct. 26.....	23.8	1919— May 12..... Nov. 2.....	17.1 24.8	1928— Feb. 2..... April 2..... April 30..... June 2.....	27.9 28.6 32.1 33.3
1915— May 26..... Nov. 2.....	13.1 19.2	1920— May 15..... Oct. 29.....	15.1 25.2	1930— Feb. 21.....	48.8
1916— June 8..... Nov. 17.....	6.4 10.0	1921— Feb. 23.....	20.5		
1917— May 18..... Nov. 23.....	11.1 18.7	1926— Oct. 5.....	37.3		

* Reference point at ground. Elevation, 1169.5.

b Measurements from San Bernardino Water Department.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records) except as noted.

E-56f-G-29, A. J. MORROW. MAP 7

Location and description—30 feet south of Cypress Street, 0.24 miles east of Palm Avenue, east of San Bernardino

Reference point—Top of casing, at ground

Elevation of reference point—1209.5, from levels by W. P. Rowe.

Use—Abandoned.

Dep h of well—99 feet.

Diameter of casing—10 inches.

Other numbers used—W. P. Rowe No. 360, S. B. W. D. No. 8; State Div. E. and I. No. 10, Redlands Quad, Location No. 18898A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1919—		1922—	
June 30.....	27 0	Mar. 11.....	35 5	Jan. 16.....	29 9
Aug. 18.....	33.5	April 16.....	32 8	Mar. 21.....	22 8
Oct. 20.....	38 0	June 28.....	37 4	July 4.....	21 7
Nov. 24.....	39.1	Aug. 23.....	41 7	Sept. 24.....	39 2
Dec. 22.....	35.4	Oct. 11.....	43 5	Dec. 6.....	29 0
		Nov. 20.....	44 1		
1916—		Dec. 29.....	42 6	1924—	
Jan. 3.....	35.9			Oct. 8.....	46.3
Feb. 2.....	18 9	1920—		1926—	
Mar. 8.....	16.2	Feb. 7.....	43 4	Jan. 6.....	56 9
April 22.....	15.2	Mar. 27.....	32 7		
Oct. 4.....	27 1	May 11.....	28 9	1925—	
Nov. 2.....	26 7	July 16.....	35 4	Nov. 23.....	*57 4
Dec. 31.....	27 2	Sept. 23.....	41 7		
		Nov. 21.....	40 9	1927—	
1917—				Dec. 18.....	*51 9
June 3.....	20 7	1921—			
July 30.....	28 4	Mar. 2.....	41 4	1928—	
Aug. 16.....	29 7	June 2.....	29 0	Feb. 2.....	^b 50 4
		July 4.....	40 5	Mar. 1.....	^b 46 0
1918—		Nov. 24.....	48 9	April 30.....	^b 50 4
Jan. 2.....	35.5			June 2.....	^b 53 3
Mar. 2.....	36.3				
Mar. 21.....	27 6			1931—	
May 31.....	30 2			Feb. 9.....	^b 54 Dry
Aug. 1.....	35.5				
Sept. 25.....	38 5				
Dec. 3.....	38 1				

* Measurements from Division of Water Resources.

^b Measurements from San Bernardino Water Department.

Measurements from W. P. Rowe except as noted.

E-56h-G-29, B. DADE DAVIS (FORMERLY PATTEE & NYE). MAP 7

Location and description—0.36 miles south of Base Line Avenue, 25 feet west of Palm Avenue, east of San Bernardino.

Reference point—At ground to and including October 16-18, 1912; then, top of concrete caisson, west side, 2.0 feet above ground.

Elevation of reference point—1196.4, to and including October 16-1, 1912, then, 1198.4; from W. S. P. 468.

Use—Irrigation.

Depth of well—100 feet.

Diameter of casing—10 inches.

Other numbers used—W. P. Rowe No. 139; State Div. E. and I. No. 120, Redlands Quad.; W. S. P. 468, No. 107; R. W. Co. No. 290, Redlands, W. S. P. 142, No. 290, Redlands; S. B. W. D. No. 7; Location No. 18898C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1915—		1927—	
Oct. -----	50.0	Mar. 10 -----	35.5	Dec. 18 -----	50.0
		May 3 -----	33.0		
1904—		June 9 -----	31.6	1928—	
Oct. -----	74.0	Oct. 21 -----	38.0	Feb. 2 -----	647.1
				Mar. 1 -----	646.3
1907—		1916—		April 2 -----	646.4
Aug. 30 -----	30.5	Mar. 24 -----	25.1	April 30 -----	665.0
				June 2 -----	652.1
1909—		1918—			
Oct. 15-17 -----	43.5	May 2 -----	29.0	1930—	
		Oct. 10 -----	36.1	Nov. 7 -----	79
1912—		1919—			
Oct. 16-18 -----	43.2	May 12 -----	32.9	1931—	
		Nov. 2 -----	41.4	Feb. 18 -----	72.5
1914—		1920—			
Oct. 26 -----	41.7	May 15 -----	32.1		
		Aug. 24 -----	40.0		
		Oct. 29 -----	41.2		

^a Measurements from Division of Water Resources.

^b Measurements from San Bernardino Water Department.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records) except as noted.

E-56i-G-29, A. J. MORROW—NEW WELL. MAP 7

Location and description—0.08 miles north of Cypress Street, 0.16 miles east of Palm Avenue, east of San Bernardino.

Reference point—Air gage, west side of pump, 0.6 feet above ground.

Elevation of reference point—1207, from Met. W. D. topog. by D. W. R.

Use—Irrigation.

Depth of well—179 feet.

Diameter of casing—12 inches.

Other numbers used—S. B. W. D. No. 53; Location No. 18898D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—Cont.		1931—Cont.	
Nov. 5 -----	78.7	Sept. 7 -----	82.6	June 4 -----	79.8
Dec. 9 -----	78.5	Oct. 11 -----	81.8	Aug. 3 -----	85.0
		Dec. 9 -----	80.9	Oct. 7 -----	88.8
1930—		1931—		1932—	
Jan. 3 -----	78.0	Jan. 5 -----	79.4	Jan. 4 -----	85.6
Mar. 9 -----	75.4	Mar. 5 -----	79.8		
June 5 -----	70.2	May 4 -----	78.6		
Aug. 6 -----	79.1				

Measurements from San Bernardino Water Department.

E-57-G-29, POWELL & SMITH (FORMERLY SOUTHERLAND RANCH). MAP 7

Location and description—0.12 miles north of East Third Street (San Bernardino), 0.52 miles east of Palm Avenue, east of San Bernardino. 30 feet north of small reservoir.

Reference point—Top of casing, 2.3 feet above ground, to and including November 3, 1927; then, top of 8-foot pit, 1 foot below ground.

Elevation of reference point—1220.7, to and including November 3, 1927; then, 1217.4; from levels by W. P. Rowe.

Use—Irrigation.

Depth of well—185 feet.

Diameter of casing—14 inches.

Other numbers used—S. B. W. D. No. 9; W. S. P. 142, No. 289, Redlands; W. P. Rowe No. 225, W. S. P. 468, No. 108; Location No. 18899.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1910—		1916—		1928—	
April 28.....	28.6	Jan. 12.....	35.6	Feb. 2.....	52.3
June 11.....	35.3	Feb. 4.....	10.0	Mar. 1.....	44.3
Sept. 28.....	46.3	Mar. 7.....	8.8	April 30.....	52.2
1911—		April 5.....	8.8	June 2.....	55.6
April 4.....	22.6	May 2.....	12.0	Aug. 2.....	61.2
May 2.....	22.0	July 17.....	18.6	Oct. 4.....	65.6
July 8.....	29.8	Sept. 13.....	23.0	Dec. 4.....	67.3
Oct. 3.....	38.0	Nov. 24.....	28.1	1929—	
Nov. 3.....	40.8	Dec. 20.....	24.9	Jan. 14.....	65.9
Dec. 14.....	41.8	1917—		Mar. 26.....	59.7
1912—		Jan. 11.....	19.5	May 2.....	57.3
Jan. 23.....	42.4	Mar. 2.....	13.4	June 24.....	64.6
Feb. 15.....	43.2	May 3.....	16.4	Aug. 14.....	74.2
Mar. 7.....	42.1	July 6.....	24.1	Sept. 28.....	76.4
May 3.....	36.5	Oct. 4.....	29.5	Dec. 9.....	78.9
Aug. 7.....	42.1	Nov. 7.....	38.0	1930—	
Oct. 12.....	46.0	Dec. 12.....	31.2	Jan. 3.....	79.3
Dec. 1.....	48.4	1918—		Mar. 9.....	74.2
1913—		Jan. 4.....	33.4	May 6.....	68.8
Mar. 5.....	46.9	Mar. 4.....	32.8	June 5.....	64.9
April 8.....	44.7	April 8.....	19.9	July 5.....	70.3
July 17.....	48.2	May 14.....	24.7	Sept. 8.....	76.8
Oct. 18.....	56.0	June 8.....	27.9	Nov. 13.....	80.5
Dec. 20.....	56.9	1926—		Dec. 9.....	78.0
1914—		Nov. 10.....	60.6	1931—	
Jan. 22.....	55.5	Dec. 13.....	53.7	Jan. 5.....	79.9
Mar. 24.....	30.5	1927—		Mar. 5.....	75.2
June 3.....	24.4	Jan. 13.....	52.0	May 4.....	78.6
Aug. 5.....	34.7	Mar. 15.....	18.3	June 4.....	80.1
Oct. 2.....	41.4	May 6.....	28.1	Aug. 3.....	84.3
Dec. 4.....	45.2	July 7.....	42.8	Oct. 7.....	92.0
1915—		Oct. 3.....	54.4	Nov. 16.....	91.2
Jan. 4.....	43.6	Nov. 3.....	55.6	1932—	
Mar. 2.....	31.7	Dec. 18.....	54.9	Jan. 9.....	90.6
June 2.....	24.4				
Aug. 9.....	30.9				
Oct. 8.....	35.2				
Dec. 8.....	37.6				

Measurements from Water Conservation Association to and including November 3, 1927; then, from San Bernardino Water Department.

E-59-G-29, T. A. GAUME (FORMERLY H. S. STROVEN). MAP 7

Location and description—500 feet north of East Third Street extension, 0.85 miles east of Palm Avenue, north of Redlands.

Reference point—Top of casing.

Elevation of reference point—1239.1, from levels by W. P. Rowe.

Use—Domestic.

Depth of well—247 feet.

Diameter of casing—10 inches.

Other numbers used—W. P. Rowe No. P-224; W. S. P. 142, No. 288, Redlands; Location No. 18809.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1924—		1928—	
Jan. 23.....	^a 55.4	Jan. 12.....	38.5	Jan. 4.....	65.2
Mar. 22.....	^a 43.4	Mar. 6.....	43.0	April 6.....	60.8
May 31.....	^b 36.4	April 8.....	40.0	May 7.....	64.1
Aug. 18.....	^b 41.1	July 10.....	46.1	July 9.....	69.3
Oct. 13.....	^b 44.5	Sept. 12.....	51.3	Sept. 14.....	74.4
Dec. 22.....	^b 46.5	Nov. 8.....	54.7	Nov. 9.....	77.7
		Dec. 29.....	52.5	Dec. 14.....	73.7
1916—		1925—		1929—	
Jan. 14.....	^b 45.8	Jan. 17.....	56.2	Jan. 9.....	75.4
Feb. 2.....	^b 27.0	Mar. 6.....	57.5	Mar. 13.....	73.9
Mar. 8.....	^b 16.0	May 26.....	59.4	May 23.....	71.5
April 22.....	^b 11.1	Aug. 21.....	64.0	June 17.....	71.1
1921—		Oct. 27.....	66.6	Aug. 21.....	80.9
Jan. 6.....	53.3	Dec. 28.....	67.7	Oct. 15.....	^b 85.1
Mar. 11.....	50.5	1926—		Dec. 12.....	88.7
April 9.....	41.2	Feb. 18.....	68.2	1930—	
June 2.....	44.1	Mar. 18.....	68.1	Jan. 6.....	89.1
July 14.....	49.2	June 8.....	54.6	Mar. 13.....	79.1
Nov. 2.....	57.0	Aug. 16.....	63.7	April 2.....	84.7
Dec. 8.....	57.8	Oct. 2.....	69.9	June 12.....	79.3
1922—		Nov. 10.....	71.4	Aug. 2.....	81.3
Feb. 2.....	38.0	1927—		Oct. 2.....	90.0
Mar. 9.....	30.0	Jan. 13.....	71.2	Dec. 6.....	95.1
May 8.....	23.8	Mar. 15.....	51.3	1931—	
June 2.....	22.6	April 13.....	49.2	June 9.....	84.1
Aug. 4.....	28.1	June 6.....	51.2	July 31.....	96.4
Nov. 3.....	32.6	Aug. 3.....	58.0	Sept. 25.....	100.4
Dec. 5.....	38.9	Sept. 7.....	51.7	Dec. 22.....	over 100
1923—		Nov. 3.....	65.9		
Jan. 8.....	29.3	Dec. 5.....	65.7		
Mar. 7.....	25.1				
May 10.....	27.6				
July 6.....	33.8				
Sept. 17.....	38.8				
Oct. 5.....	44.8				
Dec. 8.....	40.0				

^a Measurements from Riverside Water Company.

^b Measurements from W. P. Rowe.

Measurements from Water Conservation Association except as noted.

E-59a-G-30, R. C. GERBER (FORMERLY C. E. BYRKIT). MAP 7

Location and description—0.11 miles north of Third Street extension, 20 feet west of Webster Street, north of Redlands

Reference point—Bottom of pump base, 0.9 feet above ground and 2.3 feet above top of casing.

Elevation of reference point—1264, from Met. W. D. topog. by D. W. R.

Use—Not used.

Depth of well—125 feet.

Diameter of casing—12 inches.

Other numbers used—W. P. Rowe No. 104a; U. S. G. S. unpublished "T" well, S. B. W. D. No. 10, State Div. E. and I. No. 110, Redlands Quad.; Location No. 18918.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1925—		1930—	
Nov. 9.....	*71.7	May 21.....	*74.7	Jan. 3.....	106.5
		Aug. 31.....	*79.6	Mar. 9.....	106.9
1922—		Oct. 23.....	*81.9	May 6.....	104.0
Mar. 22.....	*49.8			June 5.....	100.8
May 24.....	*38.9	1926—		Aug. 6.....	103.9
Aug. 21.....	*39.0	Jan. 4.....	183.9	Oct. 11.....	108.8
Oct. 25.....	*41.6	May 26.....	182.8	Dec. 9.....	111.9
1923—					
Mar. 19.....	*39.4	1928—		1931—	
June 5.....	*45.5	Feb. 2.....	80.0	Jan. 5.....	112.1
Aug. 4.....	*50.6	April 2.....	78.4	Mar. 5.....	110.8
Nov. 20.....	*53.5	June 2.....	82.8	May 4.....	111.1
		Aug. 2.....	88.1	July 3.....	113.9
		Dec. 4.....	94.9	Sept. 2.....	118.3
1924—				Nov. 16.....	122.8
Feb. 19.....	*59.6	1929—			
Aug. 20.....	*65.7	Jan. 14.....	95.0	1932—	
Nov. 21.....	*68.6	Mar. 26.....	92.5	Jan. 4.....	122.4
		May 2.....	89.4		
		June 24.....	93.1		
		Oct. 15.....	102.4		
		Dec. 9.....	105.7		

* Measurements from United States Geological Survey.

^b Measurements from W. P. Rowe.

Measurements from San Bernardino Water Department except as noted.

E-59b-G-30, MR. DOBBS. MAP 7

Location and description—50 feet north of Third Street, 50 feet east of Webster Street, north of Redlands. Abandoned pit.

Reference point—Top of concrete curb, north side, 1 foot above ground.

Elevation of reference point—1264.4, from levels by W. P. Rowe.

Use—Abandoned.

Other numbers used—R. W. Co. No. 287, Redlands; W. P. Rowe No. 104; State Div. E. and I. No. 118, Redlands Quad.; W. C. A. "Dobbs" well; Location No. 18919.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1911—		1917—		1922—	
Jan. 1.....	73.0	April 3.....	34.9	Feb. 2.....	59.6
June 1.....	52.5	July 6.....	40.6	April 7.....	47.0
Aug. 4.....	56.4	Oct. 4.....	47.6	June 2.....	30.7
Dec. 14.....	64.0			Sept. 8.....	39.9
		1918—		Dec. 5.....	42.9
1912—		Jan. 4.....	53.7		
Jan. 23.....	62.3	Mar. 4.....	54.7	1923—	
April 9.....	65.8	April 8.....	47.6	Mar. 7.....	39.4
Sept. 5.....	66.2	July 5.....	50.7	June 5.....	42.7
Dec. 1.....	70.6	Dec. 5.....	58.0	Sept. 17.....	49.6
				Dec. 8.....	53.7
1913—		1919—		1924—	
Jan. 23.....	72.9	April 2.....	51.2	Mar. 6.....	56.3
April 8.....	71.7	July 10.....	58.1	May 28.....	58.2
Aug. 23.....	80.0	Sept. 25.....	63.8	Sept. 12.....	64.9
Nov. 15.....	81.0	Dec. 3.....	66.4	Dec. 29.....	69.2
		1920—			
1914—		Feb. 6.....	66.7	1925—	
Jan. 22.....	79.0	May 7.....	52.3	Mar. 6.....	72.4
April 16.....	55.2	Sept. 7.....	62.2	May 26.....	75.1
Aug. 8.....	63.0	Dec. 9.....	68.3	Aug. 21.....	Dry 78.3
Nov. 5.....	70.7				
		1921—		1926—	
1915—		April 9.....	61.8	Feb. 18.....	75.1
Jan. 4.....	70.4	July 14.....	65.2	Mar. 18.....	76.6
April 4.....	58.8	Nov. 2.....	73.2	April 21.....	65.6
July 6.....	51.1			June 8.....	58.4
Oct. 8.....	55.6			July 21.....	Dry 73
1916—					
Jan. 12.....	59.4				
Mar. 7.....	23.2				
June 5.....	33.0				
Sept. 13.....	38.7				
Dec. 20.....	45.6				

Measurements from Water Conservation Association.

E-60-G-30, CRAM BROTHERS. MAP 7

Log Available

Location and description—30 feet south of Base Line Avenue, 55 feet west of Weaver Street, north of Redlands.

Reference point—Top of casing, at ground.

Elevation of reference point—1575, from Met. W. D. topog. by D. W. R.

Use—Not used.

Depth of well—600 feet.

Diameter of casing—12 inches.

Other numbers used—S. B. W. D. No. 14; W. S. P. 142, No. 281, Redlands; State Div. E. and I. No. 24, Redlands Quad; Location No. 18937.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1916—		1921—		1929—	
May 5.....	a83.4	Feb. 19.....	a89.5	Jan. 14.....	80.3
Nov. 2.....	a79.5	June 2.....	a89.1	Mar. 27.....	94.0
		July 4.....	a88.3	May 4.....	91.2
1917—		Nov. 14.....	a87.7	Aug. 14.....	90.7
Jan. 1.....	a79.8			Nov. 6.....	90.6
Jan. 3.....	a91.1	1922—		Dec. 9.....	91.0
July 30.....	a90.5	Mar. 21.....	a87.1		
Aug. 16.....	a89.9	July 4.....	a85.1	1930—	
		Sept. 24.....	a86.0	Jan. 3.....	89.4
1918—		Dec. 9.....	a86.8	Mar. 9.....	90.6
Mar. 2.....	a91.2			May 6.....	91.1
1919—		1924—		July 7.....	90.7
Mar. 11.....	a91.8	Oct. 7.....	a81.8	Aug. 6.....	90.0
May 29.....	a92.1			Oct. 11.....	91.7
July 25.....	a91.5	1925—		Nov. 13.....	91.2
Oct. 12.....	a90.3	Nov. 21.....	b83.2	Dec. 9.....	83.7
Nov. 20.....	a90.6				
1920—		1927—		1931—	
Feb. 7.....	a91.0	Dec. 18.....	84.1	Jan. 5.....	82.0
May 12.....	a90.9			Feb. 9.....	81.2
July 15.....	a89.5	1928—		Mar. 5.....	90.3
Sept. 29.....	a89.4	Feb. 2.....	77.8	May 5.....	88.4
Nov. 21.....	a89.7	Mar. 1.....	84.7	June 5.....	85.3
		April 30.....	81.6	July 3.....	83.9
		June 2.....	81.8	Aug. 3.....	88.0
		Aug. 2.....	76.2	Oct. 7.....	85.0
		Oct. 4.....	74.6	Nov. 7.....	
		Dec. 4.....	74.8		
				1932—	
				Jan. 4.....	84.5

^a Measurements from W. P. Rowe.

^b Measurements from Division of Water Resources.

Measurements from San Bernardino Water Department except as noted.

E-61d-G-30, W. H. CRAM. MAP 7

Log Available

Location and description—0.16 miles south of Santa Ana Canyon Road, 200 feet east of Weaver Street (produced south), north of Redlands. Dug pit, to and including 1927.

Reference point—Top of concrete floor, at ground.

Elevation of reference point—1368.2, from levels by W. P. Rowe.

Use—Irrigation.

Depth of well—143 feet, to and including 1927, then 303 feet.

Diameter of casing—24 inches.

Other numbers used—W. P. Rowe No. P-273; State Div. E. and I. No. 45, Redlands Quad; R. W. Co. No. 1000; Location No. 18938A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1916—		1925—	
Mar. 25.....	a81.2	Feb. 22.....	b38.4	Nov. 21.....	a118.3
May 6.....	a65.2	Mar. 27.....	b42.4		
June 29.....	a54.8	April 22.....	b40.9	1927—	
Aug. 18.....	b57.6			Dec. 23.....	95.0
Sept. 21.....	b58.9	1922—			
		Sept. 16.....	36		

^a Measurements from Riverside Water Company.

^b Measurements from W. P. Rowe.

^c Pump shut down 4 hours.

Measurements from Division of Water Resources except as noted.

E-62a-G-30, HUFFMAN & BURKE. MAP 7

Location and description—1.05 miles easterly from Santa Ana Canyon Road and Weaver Street and 1500 feet north of Santa Ana Canyon Road, north of Redlands. On bank of Plunge Creek.

Reference point—Top of pump base, at ground.

Elevation of reference point—1530, from Met. W. D. topog. by D. W. R.

Use—Irrigation.

Depth of well—450 feet.

Diameter of casing—24 inches.

Other numbers used—S. B. W. D. No. 99; Location No. 18958.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
Mar. 6.....	267.9	June 5.....	270.0	Jan. 4.....	282.4
May 5.....	267.8	Nov. 17.....	281.0		

Measurements from Sao Bernardino Water Department.

E-63a-G-31, JOHN CLEGHORN (FORMERLY JOHN McBRIDE). MAP 7

Location and description—0.4 miles south of Base Line Avenue (produced east), 1.4 miles east of Weaver Street, north of Redlands. 4' x 4' pit.

Reference point—Top of pit, southeast corner, at ground.

Elevation of reference point—1590, from Met. W. D. topog. by D. W. R.

Use—Not used.

Depth of well—65 feet.

Other numbers used—W. P. Rowe No. P-279, Redlands; W. S. P. 142, No. 279, Redlands; Location No. 18968A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1916—		1918—		1920—	
May 5.....	8.9	Mar. 2.....	12.0	Feb. 7.....	16.8
Nov. 2.....	12.7	Dec. 3.....	15.9	Mar. 27.....	16.4
				June 19.....	16.5
1917—		1919—		1921—	
Jan. 1.....	11.3	Mar. 11.....	15.2	Feb. 19.....	16.7
June 3.....	14.5	May 6.....	15.7	Mar. 25.....	16.4
July 30.....	14.9	June 28.....	15.9	June 2.....	16.5
Aug. 16.....	14.7	Aug. 22.....	16.1	Nov. 14.....	16.9
		Oct. 12.....	17.3		
		Nov. 19.....	16.6		

Measurements from W. P. Rowe.

E-64-G-31, DR. APLIN (FORMERLY MR. RITCHEY). MAP 7

Location and description—0.16 miles south of Santa Ana Canyon Road, 0.26 miles east of Greenspot Road, northeast of Redlands.

Reference point—Top of curbing of pit, at ground.

Elevation of reference point—1850, from Met. W. D. topog. by D. W. R.

Use—Irrigation.

Depth of well—86 feet.

Other numbers used—S. B. W. D. No. 98, W. P. Rowe No. G-1, R. W. Co. No. 1000B, Location No. 18999C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1919—		1921—	
Mar. 27.....	30.3	Mar. 11.....	65.8	Mar. 25.....	28.9
April 7.....	53	April 15.....	48.8	June 2.....	52.0
1916—		June 28.....	66.4	Nov. 14.....	57.9
May 5.....	23.4	Aug. 22.....	68.3	1922—	
Nov. 2.....	54.4	Oct. 12.....	66.2	Jan. 12.....	10.6
1917—		Nov. 19.....	69.8	Mar. 21.....	12.8
Jan. 1.....	55.2	1920—		1924—	
June 3.....	69.4	Feb. 7.....	69.5	Oct. 7.....	69.8
July 30.....	44.4	Mar. 27.....	11.4	1931—	
Aug. 16.....	43.0	May 12.....	34.9	Mar. 6.....	32.6
1918—		June 19.....	55.1	April 2.....	56.1
Jan. 2.....	65.3	Sept. 19.....	67.9		
Mar. 2.....	37.6				
Aug. 2.....	64.2				
Dec. 3.....	66.2				

^a Measurements from Riverside Water Company.

^b Measurement from San Bernardino Water Department.

^c Spreading water nearby.

Measurements from W. P. Rowe except as noted.

E-64b-G-31, NORTH FORK WATER COMPANY—NEW WELL. MAP 7

Log Available

Location and description—100 feet north of Santa Ana Canyon Road, 150 feet west of Greenspot Road, northeast of Redlands.

Reference point—Top of wood curbing, 1.5 feet above ground, to and including August 2, 1928; then, hole in south side of casing, at ground.

Elevation of reference point—1813.5, to and including August 2, 1928; then, 1815; from Met. W. D. topog. by D. W. R.

Use—Irrigation.

Depth of well—267 feet.

Diameter of casing—24 inches.

Other numbers used—S. B. W. D. No. 13; Location No. 18999B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—		1931—	
Mar. 1.....	36.5	Jan. 14.....	69.0	Mar. 6.....	51.1
April 30.....	68.6	Feb. 21.....	67.1	April 2.....	61.1
June 2.....	71.1	Mar. 26.....	51.9	May 5.....	63.2
July 5.....	55.0				
Aug. 2.....	61.4				
Dec. 4.....	110.7				

Measurements from San Bernardino Water Department.

E-66-I-26, D. F. PIPES (FORMERLY S. C. EVANS). MAP 8

Location and description—800 feet northwest of north end of Fairmont Lake, 1 mile due east of North Main Street and 4700 feet northeast of Rubidoux Bridge, Riverside.

Reference point—Top of casing, 2 feet above ground.

Elevation of reference point—797.2, from levels by Davidson & Fulmor.

Use—Domestic.

Diameter of casing—12 inches.

Other numbers used—Gage Canal Co. No. R-10; Riverside Cement Co. No. 90, G. K. Sanborn No. 25; Location No. 17919.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1928—		1929—	
Dec. 18.....	^a 11.1	Jan. 17.....	9.5	Jan. 5.....	10.1
		Feb. 7.....	9.5	Mar. 6.....	10.4
1921—		Mar. 6.....	10.4	May 3.....	10.6
Jan. 5.....	^a 11.2	April 12.....	9.6		
Feb. 22.....	^a 11.4	May 12.....	10.0	1930—	
May 3.....	^a 11.2	July 6.....	10.2	July 16.....	^b 11.4
June 25.....	^a 11.3	Sept. 11.....	10.4		
Sept. 21.....	^a 11.6	Nov. 13.....	10.2	1931—	
Nov. 2.....	^a 11.2			Oct. 8.....	^b 11.6
1927—					
Aug. 8.....	9.8				
Sept. 7.....	10.0				
Oct. 7.....	9.8				
Dec. 12.....	9.7				

^a Measurement from Gage Canal Company.

^b Measurement from Riverside Basin Water Users Council.

Measurements from Riverside Cement Company except as noted.

E-67f-I-26, A. PELLISIER. MAP 7

Location and description—10 feet east of North Orange Street, 0.57 mile north of County Line, south of Colton 10 feet north of long milking shed.

Reference point—Top of casing, 3.7 feet above ground.

Elevation of reference point—855.4, from levels by Davidson & Fulmor.

Use—Not used.

Depth of well—50 feet.

Diameter of casing—7 inches.

Other numbers used—Gage Canal Co. No. R-15; Riverside Cement Co. No. 126; Location No. 17947C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1927—		1930—	
April 9.....	^a 12.9	Aug. 13.....	16.7	Jan. 29.....	20.8
June 12.....	^a 12.0	Oct. 6.....	18.9	Mar. 29.....	19.0
July 29.....	^a 13.1	Nov. 25.....	17.7	June 3.....	19.5
Sept. 25.....	^a 14.3			Aug. 7.....	21.4
Oct. 14.....	^a 14.3	1928—		Oct. 8.....	22.7
		Jan. 19.....	16.6	Dec. 9.....	22.6
1916—		Mar. 13.....	16.2		
Mar. 29.....	^a 11.7	April 12.....	13.5	1931—	
		June 12.....	16.5	Jan. 7.....	22.4
1920—		Sept. 19.....	19.2	Mar. 9.....	20.7
Dec. 15.....	^b 15.4	Dec. 8.....	18.0	May 5.....	20.8
1921—				July 8.....	22.3
Jan. 4.....	^b 15.3	1929—		Oct. 13.....	23.5
Mar. 23.....	^b 14.5	Jan. 7.....	18.3	Nov. 16.....	23.8
May 24.....	^b 12.7	April 5.....	16.9	Dec. 18.....	23.1
Aug. 1.....	^b 14.4	June 21.....	18.0		
Oct. 3.....	^b 15.9	Aug. 8.....	20.2		
Nov. 3.....	^b 14.3	Nov. 11.....	21.9		

^a Measurements from Riverside Water Company.

^b Measurements from Gage Canal Company.

Measurements from Riverside Cement Company except as noted.

E-67h-1-26, A. PELLISIER. MAP 7

Location and description—40 feet south of North Orange Street, 200 feet east of bank of Santa Ana River, south of Colton.

Reference point—Top of 1-inch board on casing, 0.7 feet above ground.

Elevation of reference point—860, from Met. W. D. topog. by D. W. R.

Use—Not used.

Other numbers used—G. K. Sanborn No. 31; Location No. 17946A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1931—Cont.	
April 20.....	12.5	July 16.....	13.7	Oct. 8.....	15.3
May 14.....	11.8	Aug. 15.....	14.4	Dec. 26.....	14.1
June 13.....	12.6	Sept. 20.....	14.9		

Measurements from Riverside Basin Water Users Council.

E-68g-1-26, W. E. NOBLE. MAP 8

Location and description—300 feet northeast of Alamo Street, 0.3 miles northwest of Main Street, Riverside.

Reference point—Top of 2 x 6 across pit, at ground.

Elevation of reference point—830, from aneroid by D. W. R.

Use—Domestic.

Depth of well—24 feet.

Diameter of casing—14 inches.

Other numbers used—G. K. Sanborn No. 29; Location No. 17938D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1932—			
April 20.....	10.9	Jan. 13.....	10.2		
July 16.....	11.6				
Oct. 7.....	13.1				

Measurements from Riverside Basin Water Users Council.

E-69 1-1-26, HERMAN NAIPE (FORMERLY GARNER'S SLAUGHTER HOUSE). MAP 8

Location and description—120 feet north of old Garner Road, 950 feet south of Placentia Avenue and 0.22 miles west of Orange Street, north of Riverside.

Reference point—Top of wooden clamp, 0.8 feet above ground, to and including May 3, 1929; then top of $\frac{1}{4}$ -inch plate on casing, 1 foot above ground.

Elevation of reference point—830.4, to and including May 3, 1929; then, 830.6; from levels by G. K. Sanborn.

Use—Domestic.

Diameter of casing—5 inches.

Other numbers used—Riverside Cement Co. No. 121; G. K. Sanborn No. 26; Location No. 17948C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1928—		1931—	
Aug. 12.....	6.5	Feb. 17.....	4.7	June 13.....	*9.1
Sept. 7.....	6.7	April 17.....	5.3	Oct. 8.....	*11.1
Oct. 7.....	6.4	Sept. 19.....	7.5	Dec. 26.....	*10.1
Dec. 12.....	5.2	Nov. 2.....	7.2		
		1929—		1932—	
		Jan. 7.....	6.4	Jan. 13.....	*9.1
		Mar. 8.....	5.2		
		May 3.....	6.3		

* Measurements from Riverside Basin Water Users Council.

Measurements from Riverside Cement Company except as noted.

E-70-G-27, CITY OF COLTON—DOMECQ NO. 9. MAP 7

Log Available

Location and description—0.15 miles south of Mill Street produced west, 0.31 miles west of Rancho Avenue, Colton.

Reference point—At ground.

Elevation of reference point—1134.0, from levels by Colton Water Dept.

Use—Municipal.

Depth of well—600 feet.

Diameter of casing—14 inches.

Other numbers used—State Div. E. and I. No. 222, San Bernardino Quad.; E. T. Ham No. 21;

Location No. 17951A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—Cont.		1931—	
Jan. 15.....	145.0	Sept. 15.....	216	Jan. 15.....	196
Mar. 15.....	147	Nov. 15.....	224	Mar. 15.....	196
May 15.....	156	Dec. 15.....	196	April 15.....	197
July 15.....	216			June 1.....	202
Sept. 15.....	214	1930—		Sept. 15.....	202
Oct. 15.....	190	Feb. 15.....	197.0	Dec. 15.....	202
1929—		April 15.....	197.0		
Jan. 15.....	185	July 15.....	196.0		
Mar. 15.....	185	Sept. 15.....	197.0		
May 15.....	210	Oct. 15.....	196.0		
July 15.....	214				

Measurements from Colton Water Department.

E-74-I-27, JOE TRUJILLO. MAP 8

Location and description—0.25 mile north of Chase Road, 0.13 mile southwest of La Cadena Avenue, north of Riverside. Northwest of Riverside Water Co. canal.

Reference point—Top of 2-inch cover on casing under clamp, 0.7 feet above ground, to and including January 13, 1926; then, top of casing, 0.5 feet above ground.

Elevation of reference point—883.2, to and including January 13, 1926; then, 883.0; from levels by Davidson and Fuimor.

Use—Domestic.

Depth of well—80 feet.

Diameter of casing—6 inches.

Other numbers used—Gage Canal Co. No. H-28; G. K. Sanborn No. 32; Riverside Cement Co. No. 143; Location No. 17958D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1927—		1930—Cont.	
Dec. 10.....	^a 46.4	Aug. 19.....	47.4	June 3.....	54.9
1921—		Nov. 26.....	47.2	Aug. 7.....	60.4
Jan. 5.....	^a 46.1	1928—		Sept. 9.....	62.9
Feb. 3.....	^a 45.7	Mar. 20.....	47.0	Oct. 8.....	57.1
May 10.....	^a 45.9	Nov. 9.....	48.7	Dec. 9.....	56.2
July 7.....	^a 46.0				
Sept. 8.....	^a 46.8	1929—		1931—	
Nov. 1.....	^a 46.9	Mar. 5.....	48.9	Jan. 7.....	56.1
1926—		Nov. 25.....	54.0	Mar. 9.....	56.0
Jan. 13.....	^b 46.0	1930—		May 5.....	55.7
		Jan. 29.....	54.2	June 11.....	56.3
		Feb. 25.....	53.9	Aug. 7.....	62.4
		Mar. 29.....	54.0	Sept. 15.....	60.0
		April 30.....	53.4	Oct. 16.....	58.9
				Nov. 14.....	58.5
				Dec. 18.....	58.4

^a Measurements from Gage Canal Company.

^b Measurements from W. P. Rowe.

Measurements from Riverside Cement Company except as noted.

E-74i-I-27, B. B. CLAWSON. MAP 8

Location and description—345 feet north of Palmyrita Avenue and 270 feet east of A. T. & S. F. Ry., Highgrove.

Reference point—Floor level at pump and ground.

Elevation of reference point—962.9, from levels by G. K. Sanborn.

Use—Irrigation and domestic.

Depth of well—169 feet.

Diameter of casing—10 inches.

Other numbers used—G. K. Sanborn No. 41; Location No. 17969.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
April 22.....	116.9	Oct. 7.....	120.9	Jan. 13.....	117.4
May 14.....	116.5	Nov. 23.....	119.6		
July 16.....	117.9	Dec. 26.....	118.5		
Aug. 15.....	119.0				

Measurements from Riverside Basin Water Users Council.

E-75-H-27, M. M. SOARES. MAP 7

Location and description—75 feet south of Agua Mansa Road, 100 feet east of Third Street, Colton.

Reference point—Top of casing, 1.8 feet above ground.

Elevation of reference point—921.2, from levels by Davidson & Fulmor.

Use—Domestic.

Depth of well—63 feet.

Diameter of casing—8 inches.

Other numbers used—Gage Canal Co. No. C-42; Riverside Cement Co. No. 128; Location No. 17964C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1927—		1930—	
June 23.....	a16.7	Aug. 17.....	28.9	Feb. 25.....	38.8
Aug. 4.....	a16.9	Oct. 12.....	32.9	Mar. 29.....	33.0
Sept. 6.....	a18.1	Dec. 7.....	27.6	May 1.....	29.4
Oct. 15.....	a19.6			July 5.....	32.2
		1928—		Sept. 9.....	44.5
1920—		Jan. 7.....	24.8	Oct. 8.....	47.0
Dec. 15.....	a19.4	Mar. 9.....	20.1	Nov. 7.....	47.8
		May 16.....	23.0	Dec. 9.....	46.8
1921—		July 12.....	28.1		
Jan. 3.....	a18.7	Sept. 27.....	37.8	1931—	
Mar. 22.....	a16.6	Nov. 9.....	38.9	Jan. 7.....	45.3
May 23.....	a16.3	Dec. 8.....	37.2	Mar. 9.....	34.3
June 23.....	a15.6			June 9.....	37.8
Aug. 1.....	a20.6	1929—		Sept. 15.....	Dry 51
Oct. 1.....	a23.5	Jan. 8.....	37.2	Dec. 18.....	48.8
Nov. 2.....	a21.7	April 9.....	24.4		
		May 2.....	24.2		
1926—		June 18.....	31.5		
Jan. 12.....	b25.1	Aug. 9.....	40.3		
		Oct. 16.....	46.1		
		Nov. 25.....	47.7		

a Measurements from Gage Canal Company.

b Measurements from W. P. Rowe.

Measurements from Riverside Cement Company except as noted.

E-76-H-27, CATARINO SALDIVAR (FORMERLY ANAHEIM UNION WATER COMPANY—
TEST WELL NO. 1). MAP 7

Location and description—700 feet south of Washington Street produced west, 75 feet east of A. T. & S. F. Ry., south of Colton. 10 feet north of engine foundation.

Reference point—Top of casing, at ground.

Elevation of reference point—600, from Mct. W. D. topog. by D. W. R.

Use—Abandoned.

Depth of well—75 feet.

Diameter of casing—10 inches.

Other numbers used—W. C. A. "Anaheim Union No. 1," Location No. 17965F.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1910—		1918—		1926—	
April 29.....	5 0	Jan. 8.....	4 8	Feb. 18.....	5 3
June 15.....	9 0	Mar. 4.....	4 8	Mar. 22.....	6 4
July 8.....	11 4	May 9.....	6 0	April 20.....	3 7
Sept. 30.....	17 1	Aug. 10.....	8 9	July 29.....	18 0
Nov. 14.....	15 1	Nov. 9.....	5 8	Aug. 16.....	24 8
		Dec. 10.....	4 2	Nov. 12.....	21 8
				Dec. 15.....	12 8
1911—		1919—		1927—	
May 3.....	3 8	April 5.....	4 0	Jan. 27.....	5 8
July 11.....	8 5	June 12.....	6 6	April 4.....	4 3
Sept. 13.....	12 7	Aug. 30.....	16 0	May 13.....	6 2
Nov. 21.....	7 4	Nov. 10.....	8 4	June 7.....	10 1
1912—		1920—		Aug. 3.....	20 7
Jan. 8.....	4 1	Jan. 7.....	4 5	Oct. 3.....	25 8
Mar. 8.....	4 6	Mar. 13.....	3 8	Nov. 2.....	22 1
May 15.....	3 7	May 6.....	4 4	Dec. 6.....	13 6
July 8.....	7 8	July 8.....	9 0		
Sept. 24.....	12 0	Aug. 7.....	13 4	1928—	
Nov. 15.....	10 6	Sept. 9.....	14 5	Jan. 5.....	6 5
1913—		Nov. 9.....	10 1	Mar. 3.....	4 0
Jan. 20.....	6 1	1921—		April 7.....	5 9
Mar. 19.....	3 8	Jan. 8.....	4 6	May 7.....	13 6
May 9.....	7 4	Feb. 19.....	4 0	July 9.....	19 9
July 3.....	10 0	June 2.....	4 7	Sept. 14.....	32 8
Oct. 19.....	14 6	July 11.....	11 6	Dec. 15.....	24 1
Dec. 25.....	7 0	Sept. 8.....	18 2		
1914—		Dec. 15.....	10 1	1929—	
Mar. 25.....	3 7	1922—		Jan. 11.....	21 2
May 13.....	2 6	Feb. 4.....	3 5	Feb. 14.....	9 8
July 8.....	4 9	May 10.....	3 3	Mar. 21.....	7 3
Oct. 5.....	7 2	Aug. 4.....	4 8	May 23.....	19 5
Dec. 4.....	3 9	Sept. 15.....	8 1	July 3.....	34 9
1915—		Nov. 6.....	5 1	Sept. 2.....	49 8
Mar. 2.....	3 3	1923—		Dec. 13.....	42 3
July 2.....	3 8	Mar. 8.....	4 2	1930—	
Oct. 9.....	9 0	May 12.....	5 8	Jan. 6.....	42 0
Dec. 8.....	4 0	July 11.....	9 7	Mar. 14.....	21 2
1916—		Sept. 17.....	12 7	April 3.....	12 8
Jan. 13.....	3 7	Nov. 8.....	10 2	May 12.....	12 6
Mar. 14.....	4 2	Dec. 10.....	4 9	June 13.....	18 5
May 6.....	4 6	1924—		Aug. 2.....	35 1
Sept. 13.....	6 5	Feb. 15.....	4 5	Sept. 5.....	42 8
Nov. 25.....	4 6	May 27.....	7 0	Nov. 6.....	39 2
1917—		Aug. 25.....	17 9	1931—	
Jan. 23.....	4 6	Sept. 22.....	19 4	Jan. 19.....	31 3
Mar. 6.....	3 8	Nov. 15.....	15 6	Feb. 20.....	19 1
May 7.....	5 0	Dec. 31.....	5 6	Mar. 16.....	18 3
July 13.....	8 0	1925—		April 9.....	23 2
Sept. 17.....	9 4	Jan. 26.....	4 6	May 12.....	24 8
Nov. 10.....	5 9	April 15.....	4 8	June 12.....	30 7
		May 28.....	6 6	Sept. 26.....	Dry 44
		July 25.....	14 5	Dec. 22.....	35 6
		Sept. 24.....	22 8		
		Dec. 31.....	12 2		

Measurements from Water Conservation Association.

E-78-G-27, CITY OF COLTON—HIGHLINE NO. 8. MAP 7

Log Available

Location and description—175 feet south of Rialto Avenue, 0.52 miles west of Mt. Vernon Avenue north of Colton.

Reference point—Top of casing.

Elevation of reference point—1094.5, from levels by Colton Water Dept.

Use—Municipal.

Depth of well—640 feet.

Diameter of casing—14 inches.

Other numbers used—Location No. 17970C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—Cont.		1930—Cont.	
Jan. 15.....	37.0	May 15.....	80	Sept. 15.....	78.0
Mar. 15.....	32.8	Aug. 15.....	91	Oct. 15.....	68.0
May 15.....	39.0	Oct. 15.....	70	Nov. 15.....	68.0
June 15.....	77.0	Nov. 15.....	84	Dec. 15.....	52.0
Sept. 15.....	80.0	Dec. 15.....	54.7		
Oct. 15.....	52.0			1931—	
Dec. 15.....	42.0	1930—		Jan. 15.....	48
		Jan. 15.....	38.3	Mar. 15.....	68
1929—		Mar. 15.....	34.0	May 15.....	70
Jan. 15.....	42.6	May 15.....	38.0	June 1.....	90
Mar. 15.....	32	June 15.....	75.0	July 15.....	104
April 15.....	40	July 15.....	90.0	Oct. 15.....	98
				Dec. 15.....	80

Measurements from Colton Water Department.

E-81g-H-27, FINANCE INVESTMENT CORPORATION (FORMERLY ANAHEIM UNION WATER COMPANY—TEST WELL NO. 6). MAP 7

Location and description—1550 feet south of Washington Street produced west, 2650 feet west of Mt. Vernon Avenue produced south, south of Colton. 75 feet south of 350-inch Water Co. plant No. 6.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—918, from Mct. W. D. topog. by D. W. R.

Use—Abandoned.

Depth of well—75 feet.

Diameter of casing—10 inches.

Other numbers used—W. C. A. "Anaheim Union No. 6," Location No. 17975C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1910—		1914—		1918—	
April 29.....	12.9	Mar. 25.....	9.7	Jan. 8.....	12.2
June 15.....	18.3	June 4.....	12.3	May 9.....	12.3
Sept. 30.....	27.1	Oct. 6.....	19.2	Aug. 9.....	16.9
Nov. 14.....	23.9	Dec. 4.....	16.1	Dec. 10.....	9.9
1911—		1915—		1919—	
May 3.....	11.4	Jan. 4.....	10.3	Jan. 4.....	9.6
July 11.....	16.8	June 2.....	11.5	May 9.....	12.0
Sept. 13.....	20.8	Oct. 8.....	17.2	Aug. 29.....	22.3
Dec. 26.....	11.9	Dec. 8.....	11.6	Dec. 16.....	13.4
1912—		1916—		1920—	
Jan. 18.....	10.9	Jan. 13.....	10.1	Jan. 7.....	12.2
May 15.....	11.6	May 5.....	9.5	April 7.....	9.5
Aug. 14.....	19.1	Sept. 13.....	13.0	July 8.....	16.8
Oct. 14.....	18.9	Dec. 23.....	10.4	Sept. 9.....	23.2
Dec. 16.....	15.4			Dec. 10.....	16.6
1913—		1917—		1921—	
Jan. 20.....	14.0	Jan. 23.....	9.9	Jan. 8.....	12.9
June 11.....	17.9	May 7.....	10.5	Mar. 9.....	16.4
Sept. 24.....	23.6	Sept. 17.....	16.8	June 2.....	12.7
Dec. 25.....	14.5	Dec. 8.....	11.4	Aug. 5.....	25.1
				Dec. 15.....	19.8

E-81g-H-27, FINANCE INVESTMENT CORPORATION (FORMERLY ANAHEIM UNION WATER COMPANY—TEST WELL NO. 6). MAP 7—Continued

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1926—		1930—	
Feb. 4.....	10.3	Feb. 19.....	15.4	Jan. 6.....	56.8
May 10.....	10.4	April 20.....	11.4	Mar. 14.....	31.5
Aug. 4.....	14.5	July 27.....	26.9	June 13.....	32.5
Nov. 6.....	15.0	Oct. 6.....	33.8	Aug. 2.....	52.7
		Dec. 15.....	23.7	Nov. 6.....	59.9
1923—				Dec. 5.....	56.6
Mar. 8.....	9.6	1927—		1931—	
May 12.....	14.0	Jan. 27.....	16.8	Jan. 19.....	41.2
Sept. 17.....	23.0	May 13.....	14.3	Mar. 16.....	29.2
Dec. 10.....	13.9	Sept. 7.....	35.8	April 9.....	37.4
		Dec. 6.....	23.8	May 12.....	37.6
1924—		1928—		June 12.....	48.4
Feb. 15.....	10.9	Jan. 5.....	17.6	July 31.....	60.3
May 27.....	15.3	April 7.....	14.2	Sept. 26.....	64.6
Sept. 22.....	26.2	July 9.....	32.9	Nov. 6.....	62.8
Nov. 15.....	24.0	Sept. 14.....	45.2	Dec. 22.....	47.8
Dec. 31.....	15.3	Dec. 15.....	34.1		
1925—		1929—			
Jan. 26.....	12.2	Jan. 11.....	31.2		
May 28.....	16.0	May 23.....	32.2		
Aug. 22.....	29.5	July 26.....	49.0		
Nov. 19.....	28.7	Sept. 20.....	59.4		
Dec. 31.....	21.3	Dec. 13.....	57.3		

Measurements from Water Conservation Association.

E-83-I-27, RIVERSIDE HIGHLANDS WATER COMPANY—TEST WELL. MAP 7

Location and description^a—165 feet west of Michigan Avenue and 500 feet north of Van Buren Street, south of Colton.

Reference point—Top of casing, at ground, to and including November 14, 1925; then, top of wood cover, 3 feet above ground.

Elevation of reference point—981.5, to and including November 14, 1925; then, 984.6; from levels by Davidson and Fulmor.

Use—Not used.

Other numbers used—State Div. E. and I. No. 52, San Bernardino Quad.; Gage Canal Co. No. H-7; Location No. 17977.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1924—		1928—Cont.	
Dec. 9.....	^a 103.1	Oct. 24.....	^a 108.7	Sept. 19.....	120.0
1921—		1925—		Nov. 9.....	120.0
Jan. 4.....	^a 102.2	Nov. 14.....	^a 109.4	Dec. 5.....	119.6
Mar. 28.....	^a 99.2	1927—		1929—	
June 30.....	^a 102.4	Sept. 8.....	115.1	Jan. 4.....	118.1
Aug. 25.....	^a 106.5	Oct. 11.....	115.7	Mar. 5.....	114.6
Sept. 22.....	^a 108.5	Dec. 9.....	113.5	May 3.....	112.8
Oct. 26.....	^a 106.8			July 8.....	120.2
Dec. 14.....	^b 105.4	1928—		Oct. 14.....	124.6
1922—		Jan. 24.....	110.7	Nov. 11.....	129.6
Mar. 18.....	^b 100.1	May 10.....	109.9	1930—	
Aug. 16.....	^c 101.8	July 19.....	115.0	April 30.....	123.2
				Oct. 8.....	^d

^a Measurements from Gage Canal Company.^b Measurements from W. P. Rowe.^c Measurements from Division of Water Resources.^d Casing covered with irrigation water.

Measurements from Riverside Cement Company except as noted.

E-85-G-27, GEORGE RALPHS. MAP 7

Location and description—125 feet north of Mill Street, 500 feet east of Mt. Vernon Avenue, San Bernardino.

Reference point—Top of 4-inch blocks on casing, 1 foot above ground.

Elevation of reference point—1061.0, from levels by Riverside Water Co.

Use—Domestic.

Depth of well—202 feet.

Diameter of casing—10 inches.

Other numbers used—S. B. W. D. No. 80; W. S. P. 142, No. 289, San Bernardino; Location No. 17980C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1921—		1926—Cont.	
May 7.....	*8.3	Feb. 10.....	6.5	Aug. 14.....	25.3
July 17.....	*39.9	April 8.....	8.7	Nov. 8.....	23.1
Sept. 4.....	*30.8	June 3.....	12.0	Dec. 13.....	16.4
Oct. 18.....	*29.6	July 11.....	23.3		
		Sept. 9.....	28.2	1927—	
1916—		Dec. 10.....	19.3	Jan. 13.....	14.8
Mar. 15.....	*8.3			April 13.....	11.2
July 17.....	17.4	1922—		June 6.....	22.4
Nov. 25.....	20.3	Feb. 3.....	11.8	Sept. 7.....	29.9
Dec. 21.....	4.8	April 8.....	7.5	Nov. 3.....	21.5
		May 8.....	16.7		
1917—		July 12.....	22.7	1928—	
Jan. 22.....	1.1	Sept. 13.....	25.4	Jan. 4.....	13.2
Mar. 3.....	0.3	Nov. 3.....	20.4	Mar. 2.....	15.7
April 4.....	4.9	Dec. 5.....	13.2	May 8.....	26.2
May 4.....	11.1			Aug. 13.....	34.0
July 7.....	17.0	1923—		Oct. 8.....	32.2
Sept. 11.....	19.1	Mar. 7.....	7.7	Dec. 14.....	21.7
Oct. 10.....	20.2	May 12.....	20.4		
Nov. 9.....	10.5	July 7.....	22.6	1929—	
		Sept. 17.....	28.4	Feb. 14.....	19.2
1918—		Oct. 5.....	19.5	May 21.....	27.8
Jan. 7.....	9.2	Dec. 7.....	11.4	June 18.....	32.2
Mar. 2.....	2.0			Aug. 21.....	37.4
May 10.....	15.5	1924—		Nov. 6.....	36.5
Aug. 9.....	22.2	Jan. 10.....	7.1	Dec. 12.....	32.2
Oct. 14.....	9.6	April 3.....	6.4		
Dec. 5.....	4.2	July 1.....	18.3	1930—	
		Sept. 12.....	21.0	Feb. 8.....	24.0
1919—		Nov. 13.....	10.9	Mar. 13.....	24.0
Jan. 3.....	11.1			April 2.....	23.2
Mar. 5.....	11.1	1925—		June 12.....	34.9
June 12.....	18.2	Jan. 24.....	7.8	Aug. 2.....	38.3
Aug. 28.....	24.2	April 13.....	7.6	Sept. 3.....	39.6
Nov. 6.....	10.5	May 25.....	11.8	Oct. 2.....	36.2
		Aug. 21.....	25.0	Dec. 6.....	29.6
1920—		Sept. 23.....	22.2		
Jan. 5.....	8.2	Nov. 20.....	15.3	1931—	
April 8.....	3.7	Dec. 30.....	10.2	Feb. 18.....	26.1
May 8.....	11.9			Mar. 18.....	28.1
July 7.....	19.6	1926—		May 11.....	31.7
Sept. 8.....	27.3	Mar. 22.....	13.2	July 31.....	43.1
Nov. 4.....	14.5	April 20.....	10.8	Sept. 4.....	41.7
Dec. 6.....	13.6	July 16.....	24.5	Nov. 5.....	41.5

* Measurements from Riverside Water Company.

Measurements from Water Conservation Association except as noted.

E-91f-11-27, RIVERSIDE HIGHLAND WATER COMPANY, RIVER AND HIGHGROVE NO. 3
MAP 7

Log Available

Location and description—0.23 miles north of Washington Street, 0.38 miles east of Mt. Vernon Avenue, southeast of Colton.

Reference point—At ground.

Elevation of reference point—935, from Met. W. D. topog. by D. W. R.

Use—Irrigation.

Depth of well—182 feet.

Diameter of casing—20 inches.

Other numbers used—Location No. 17994F.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1930—Cont.		1931—	
Jan. 31.....	49.0	May 12.....	29.0	Jan. 25.....	42.0
Feb. 28.....	40.3	Dec. 31.....	50.0	Feb. 28.....	36.0
Mar. 31.....	32.0			April 26.....	37.0
				June 15.....	41.0

Measurements from Riverside Highland Water Company.

E-93-G-28, PHILIPPI QUIROZ. MAP 7

Log Available

Location and description—200 feet south of Mill Street, 0.06 miles west of Allen Avenue, 25 feet west of A. T. & S. F. Ry., San Bernardino.

Reference point—Pressure gage connection and faucet inside of barn, about 4 feet above ground. (Barn is 300 feet northwest of well).

Elevation of reference point—1007.9, from levels by W. P. Rowe.

Use—Domestic.

Depth of well—500 feet.

Diameter of casing—10 inches.

Other numbers used—W. P. Rowe No. P-46; R. W. Co. No. 23C; W. C. A. "Quiroz Well;" Location No. 18010A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1919—		1923—	
April 6.....	a+72.7	Feb. 4.....	+69.7	Jan. 8.....	+68.2
July 18.....	b+56.2	April 4.....	+73.5	Mar. 8.....	+71.8
Sept. 15.....	b+46.7	July 10.....	+43.8	May 10.....	+55.4
Nov. 26.....	b+60.4	Sept. 26.....	+41.9	July 7.....	+46.2
		Dec. 15.....	+71.5	Oct. 5.....	+50.8
1916—				Dec. 8.....	+62.3
Jan. 13.....	b+76.2	1920—		1924—	
April 10.....	b+71.5	Jan. 7.....	+62.8	Jan. 10.....	+69.3
July 18.....	+64.6	Mar. 12.....	+73.4	April 7.....	+69.4
Sept. 12.....	+63.7	May 7.....	+69.2	Aug. 22.....	+43.2
Dec. 23.....	+69.7	Aug. 7.....	+42.8	Nov. 14.....	+60.0
1917—		Oct. 4.....	+46.7	Dec. 29.....	+62.3
Jan. 12.....	+76.4	Dec. 9.....	+57.7		
Mar. 5.....	+77.3	1921—		1925—	
May 5.....	+69.3	Feb. 16.....	+68.8	Mar. 6.....	+58.8
July 9.....	+54.0	April 8.....	+57.3	April 13.....	+62.3
Oct. 5.....	+46.7	June 3.....	+64.6	July 24.....	+39.2
Dec. 6.....	+62.0	Aug. 9.....	+41.6	Sept. 23.....	+41.3
		Nov. 3.....	+55.3	Oct. 22.....	+55.8
1918—				Dec. 28.....	+54.2
Feb. 5.....	+69.0	1922—		1926—	
April 6.....	+73.7	Jan. 11.....	+62.3	Feb. 19.....	+62.3
May 8.....	+55.3	Feb. 2.....	+70.4	April 20.....	+64.8
Aug. 8.....	+43.8	April 8.....	+73.6	July 16.....	+39.2
Oct. 11.....	+60.0	June 3.....	+61.2	Aug. 16.....	+34.6
Dec. 5.....	+68.5	Sept. 8.....	+50.7	Oct. 2.....	+37.1
		Nov. 4.....	+59.8	Dec. 15.....	+46.2

E-93-G-28, PHILIPPI QUIROZ. MAP 7—Continued

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Mar. 15.....	+36.8	Feb. 14.....	+57.9	Feb. 18.....	+50.5
May 6.....	+23.1	May 23.....	+23.1	April 9.....	+27.7
June 6.....	+42.0	June 17.....	+29.1	May 11.....	+30.0
Sept. 7.....	+32.3	Aug. 21.....	+27.7	June 11.....	+28.2
Nov. 3.....	+49.8	Sept. 16.....	+13.9	July 31.....	+23.1
		Nov. 6.....	+31.2	Sept. 5.....	+30.0
1928—		Dec. 12.....	+23.5	Nov. 5.....	+27.7
Jan. 4.....	+58.8				
Mar. 3.....	+54.2	1930—		1932—	
April 6.....	+36.9	Jan. 6.....	+41.3	Jan. 4.....	+48.5
Oct. 8.....	+35.8	Feb. 8.....	+56.0		
Nov. 10.....	+32.3	April 2.....	+39.2		
Dec. 14.....	+50.7	May 12.....	+48.8		
		Sept. 4.....	+30.0		
		Oct. 2.....	+34.6		
		Dec. 6.....	+41.0		

^a Measurements from W. P. Rowe.

^b Measurements from Riverside Water Company.

Measurements from Water Conservation Association except as noted.

E-95-H-27, NORMAN COOLEY (FORMERLY WASHINGTON SCHOOL). MAP 7

Location and description—150 feet north of Washington Street, 1.05 miles east of Mt. Vernon Avenue, south of San Bernardino.

Reference point—Top of casing, north side, 1.3 feet above ground.

Elevation of reference point—1014.9, from levels by Davidson & Fulmor.

Use—Not used.

Depth of well—129 feet.

Diameter of casing—7 inches.

Other numbers used—Gage Canal Co. No. C-11; R. W. Co. and W. S. P. 142, No. 199, San Bernardino; Riverside Cement Co. No. 146; State Div. E. and I. No. 109, San Bernardino Quad.; Location No. 18005.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1926—		1929—	
Mar. 18.....	^a 74.5	Jan. 12..... ^a	^c 81.9	Jan. 4.....	89.9
June 5.....	^a 73.6			Mar. 5.....	87.1
July 19.....	^a 76.7	1927—		May 3.....	85.9
Oct. 18.....	^a 75.5	Sept. 8.....	84.6	Aug. 8.....	91.6
		Oct. 11.....	86.5	Oct. 14.....	94.3
1916—		Dec. 9.....	85.6	Nov. 11.....	95.1
Jan. 13.....	^a 78.6				
Mar. 29.....	^a 73.1	1928—		1930—	
		Jan. 24.....	82.8	April 30.....	91.9
1920—		May 15.....	80.6	Oct. 8.....	96.2
Dec. 16.....	^b 76.6	July 19.....	83.6		
		Sept. 19.....	88.5	1931—	
1921—		Nov. 9.....	90.5	April 8.....	93.6
Jan. 3.....	^b 76.2	Dec. 6.....	90.6	June 9.....	92.6
Mar. 22.....	^b 75.0			Sept. 15.....	97.3
May 23.....	^b 75.7			Dec. 19.....	98.2
July 29.....	^b 78.1				
Sept. 2.....	^b 80.1				
Oct. 1.....	^b 81.2				
Nov. 1.....	^b 80.1				

^a Measurements from Riverside Water Company.

^b Measurements from Gage Canal Company.

^c Measurements from W. P. Rowe.

Measurements from Riverside Cement Company except as noted.

E-98-H-28, L. A. LAMBERT. MAP 7

Log Available

Location and description—0.13 miles north of Colton Avenue, 15 feet west of Waterman Avenue, south of San Bernardino.

Reference point—Pressure gage connection, at ground.

Elevation of reference point—1014.1, from levels by W. P. Rowe.

Use—Domestic.

Depth of well—610 feet.

Diameter of casing—12 inches.

Other numbers used—W. P. Rowe No. P-82; Location No. 18023.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1918—Cont.		1922—	
April 10.....	+50.2	Aug. 9.....	+19.6	Feb. 2.....	+55.6
June 10.....	+55.4	Oct. 11.....	+47.3	April 7.....	+59.0
Aug. 17.....	+24.0	Nov. 8.....	+42.7		b
Sept. 20.....	+23.1	Dec. 5.....	+53.5	1923.....	
Nov. 24.....	+36.0			1924.....	b
Dec. 23.....	+57.4	1919—		1925.....	b
1916—		Jan. 4.....	+50.7		
Jan. 14.....	+78.4	May 7.....	+44.3	1927—	
April 15.....	+68.3	June 11.....	+27.7	April 13.....	+49.6
Sept. 12.....	+32.8	Nov. 6.....	+42.7	Nov. 3.....	+32.3
Nov. 24.....	+48.9	Dec. 12.....	+63.4	Dec. 5.....	+27.7
Dec. 20.....	+55.2	1920—		1928—	
1917—		Jan. 7.....	+54.2	Jan. 4.....	+56.5
Jan. 11.....	+71.3	July 6.....	+25.4	Mar. 2.....	+41.5
Mar. 2.....	+75.6	Sept. 7.....	+31.2	April 6.....	+30.0
May 3.....	+48.2	Oct. 4.....	+27.7	Dec. 4.....	+32.3
July 6.....	+27.7	Dec. 8.....	+35.8		
Sept. 13.....	+24.9	1921—		1929—	
Nov. 7.....	+48.4	Feb. 16.....	+55.3	Feb. 13.....	+25.2
1918—		Mar. 11.....	+51.4	Mar. 13.....	+16.1
Jan. 4.....	+49.6	June 2.....	+56.0		
Mar. 4.....	+67.3	Oct.	+23.1	1930.....	b
May 14.....	+34.6	Dec. 8.....	+34.2		
June 7.....	+46.8				

^a Flowing remainder of year.

^b Flowing throughout year.

Measurements from W. P. Rowe to and including April 15, 1916; then, from Water Conservation Association.

E-101-G-28, BUNT ESTATE. MAP 7

Location and description—30 feet north of Mill Street, 0.43 miles east of Tippecanoe Street, east of San Bernardino.

Reference point—Top of blocks, 1.6 feet above ground.

Elevation of reference point—1078.0, from levels by W. P. Rowe.

Use—Domestic.

Depth of well—200 feet.

Diameter of casing—3 inches.

Other numbers used—S. B. W. D. No. 104; W. P. Rowe No. 309; Location No. 18040.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1918—		1920—	
June 21.....	3.2	Mar. 13.....	2.0	Feb. 7.....	10.5
Aug. 18.....	18.2	Aug. 8.....	21.4	Mar. 27.....	0.6
Sept. 21.....	15.2	Sept. 25.....	20.3	May 11.....	1.9
Oct. 20.....	17.0	Dec. 4.....	4.9	July 16.....	20.1
Nov. 24.....	9.6			Nov. 21.....	9.3
Dec. 22.....	3.9	1919—			
1916—		Mar. 12.....	1.4	1931—	
Jan. 3.....	2.5	April 16.....	9.7	Mar. 10.....	13.3
Feb. 2.....	0.7	May 30.....	12.5	April 1.....	31.4
Mar. 8.....	Flowing	July 24.....	23.6	May 4.....	28.1
Oct. 4.....	6.8	Oct. 11.....	10.7	July 2.....	29.9
Dec. 30.....	3.8	Dec. 29.....	6.6	Sept. 2.....	31.8
				Nov. 16.....	25.4
1917—				1932—	
June 29.....	16.1			Jan. 4.....	17.1
July 30.....	15.6				

Measurements from W. P. Rowe to and including November 21, 1920; then from San Bernardino Water Department.

E-102m-H-28, A. P. DALLAS. MAP 7

Location and description—200 feet north of intersection of Cottonwood Row and Mt. View Avenue, 200 feet west of Mt. View Avenue, northeast of Loma Linda.

Reference point—Top of casing, at ground.

Elevation of reference point—1120.1, from levels by Riverside Water Co.

Use—Not used.

Depth of well—48 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 468, No. 135; W. S. P. 142, No. 145, Redlands; Location No. 18053E.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1919—		1925—	
Oct. -----	*20.0	May 12-----	9.7	May 13-----	13.0
		Nov. 6-----	12.5	Aug. 31-----	17.4
1904—				Oct. 28-----	16.1
Oct. -----	*33.0	1920—			
		May 17-----	9.4	1926—	
1906—		Aug. 25-----	10.2	May 19-----	13.7
Oct. -----	*26.0	Oct. 29-----	10.2		
				1927—	
1909—		1921—		June 17-----	18.1
Oct. 15-17-----	*20.6	Feb. 24-----	9.0	Aug. 27-----	20.0
		May 28-----	8.8	Nov. 4-----	18.2
1914—		July 14-----	10.2		
Oct. 27-----	16.2	Oct. 3-----	11.8	1928—	
				May 15-----	20.6
1915—		1922—		Aug. 13-----	23.7
May 27-----	14.0	Mar. 27-----	7.2	Nov. 20-----	23.4
Nov. 1-----	14.1	May 24-----	7.1		
		Aug. 21-----	7.6	1929—	
1916—		Oct. 25-----	8.4	Nov. 3-----	33.2
June 7-----	9.2				
Nov. 16-----	10.2	1923—		1930—	
		June 5-----	7.3	Feb. 21-----	29.6
1917—		Nov. 21-----	10.0	June 4-----	31.4
May 19-----	9.2			July 28-----	35.4
Nov. 24-----	11.2	1924—		Dec. 3-----	36.4
		Feb. 25-----	10.3		
1918—		Aug. 20-----	13.4	1931—	
May 4-----	10.8	Nov. 28-----	12.6	Feb. 18-----	33.6
Oct. 12-----	11.8			June 10-----	40.1 ^b
				Nov. 19-----	

* Reference point—at ground, originally 1 foot below top of casing. Elevation 1119.1.

^b Obstruction at 45 feet.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records).

E-106-H-29, P. O. COVER (FORMERLY H. H. COLE). MAP 7

Location and description—175 feet south of Colton Avenue, 0.23 miles west of California Street, west of Redlands.

Reference point—Top of casing, 0.4 feet above ground.

Elevation of reference point—1147.9, from levels by P. E. Hicks.

Use—Not used.

Depth of well—82 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 468, No. 134; W. S. P. 142, No. 132, Redlands; P. E. Hicks No. 210; Location No. 18063.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1919—		1925—	
Oct. -----	*32.0	May 12 -----	15.5	May 13 -----	20.5
1904—		Nov. 6 -----	16.9	Aug. 31 -----	24.4
Oct. -----	*45.0	1920—		Oct. 28 -----	22.2
1906—		May 17 -----	15.8	1926—	
Oct. -----	*47.0	Aug. 25 -----	17.5	May 19 -----	22.3
1909—		Oct. 24 -----	16.5	Nov. 1 -----	25.8
Oct. 15-17 -----	*35.8	1921—		1927—	
1912—		Feb. 23 -----	15.0	June 17 -----	25.5
Oct. 16-18 -----	*32.9	May 28 -----	16.2	Nov. 4 -----	25.4
1914—		July 14 -----	18.4	1928—	
Oct. 27 -----	30.2	Oct. 3 -----	18.2	Mar. 16 -----	22.5
1915—		1922—		May 3 -----	28.4
Nov. 1 -----	25.4	Mar. 27 -----	14.0	Aug. 13 -----	31.6
1916—		May 24 -----	14.1	Nov. 20 -----	30.1
June 7 -----	17.7	Aug. 21 -----	13.8	1929—	
Nov. 16 -----	17.2	Oct. 25 -----	14.4	Sept. 3 -----	39.4
1917—		1923—		1930—	
May 19 -----	15.8	Mar. 22 -----	13.2	Feb. 21 -----	38.8
Nov. 24 -----	18.1	May 22 -----	13.8	June 4 -----	37.0
1918—		Aug. 24 -----	16.3	July 28 -----	44.1
May 4 -----	17.6	Nov. 21 -----	15.1	Dec. 3 -----	46.8
Oct. 11 -----	15.7	1924—		1931—	
		Feb. 19 -----	15.7	Feb. 18 -----	40.9
		Aug. 28 -----	18.3	Aug. 24 -----	52.3
		Nov. 28 -----	18.7	Nov. 19 -----	52.8

* Reference point—at ground. Elevation 1147.5.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records).

NOTE.—Between May 12 and November 6, 1919, the casing was raised 1 foot. Beginning with November 6, 1919, 1 foot has been subtracted from measurements to make them comparable with earlier measurements.

E-106d-H-29, BARNEY LEEST (FORMERLY JAMES SMITH). MAP 7

Location and description—0.22 miles north of Colton Avenue, 125 feet west of California Street, west of Redlands.

Reference point—Top of casing, 0.2 feet above ground.

Elevation of reference point—1158.1, from levels by P. E. Hicks.

Use—Domestic.

Depth of well—90 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 468, No 133; W. S. P. 142, No. 126, Redlands; P. E. Hicks No. 208; Location No. 18073B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1920—		1927—	
Oct.	34.0	Aug. 25.	27.0	June 17.	37.1
1904—		1921—		Aug. 27.	33.0
Oct.	51.0	Feb. 23.	21.2	Nov. 4.	33.4
1909—		May 28.	23.1	1928—	
Oct. 15-17.	44.2	July 14.	24.8	Mar. 16.	28.0
1912—		1922—		May 3.	35.2
Oct. 16-18.	33.7	May 24.	78.1	Aug. 13.	54.2
1915—		Oct. 25.	20.9	Nov. 20.	73.2
May 27.	27.8	1923—		1929—	
Nov. 1.	31.4	May 22.	22.1	May 22.	73.2
1916—		Nov. 21.	20.0	Sept. 3.	68.7
June 7.	23.9	1924—		1930—	
Nov. 15.	21.6	Feb. 19.	74.8	Feb. 21.	40.7
1917—		Aug. 26.	24.6	June 4.	42.8
Nov. 21.	24.5	Nov. 28.	25.0	July 28.	52.7
1918—		1925—		Dec. 3.	51.9
May 4.	22.4	May 13.	32.5	1931—	
Oct. 11.	28.3	Aug. 31.	32.7	June 10.	59.1
1919—		Oct. 28.	26.3	Oct. 15.	*75.2
May 12.	21.9	1926—		Nov. 5.	*91.5
Nov. 6.	23.8	May 19.	33.6	Nov. 19.	64.5
		Nov. 1.	51.7	Dec. 5.	*72.4

* Measurement from P. E. Hicks.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records) except as noted.

E-107-H-29, MRS. M. L. FRINK (FORMERLY FRINK BROTHERS). MAP 7

Location and description—0.35 miles northwest along Cottonwood Row from intersection with California Street and 300 feet southwest of Cottonwood Row, west of Redlands. Open casing in orange grove.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—1170, from Met. W. D. topog. by D. W. R.

Use—Not used.

Depth of well—200 feet.

Diameter of casing—14 inches.

Other numbers used—W. S. P. 468, No. 131; W. S. P. 142, No. 66, Redlands; P. E. Hicks No. 214;

Location No. 18064.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1919—		1926—	
Oct. -----	*30.0	May 12-----	25.4	May 19-----	33.8
1904—		Nov. 6-----	27.7	Nov. 1-----	37.6
Oct. -----	*55.0	1920—		1927—	
1906—		May 17-----	26.2	Aug. 27-----	39.8
July 15-----	*64.0	Oct. 29-----	27.3	Nov. 4-----	39.4
1909—		1921—		1928—	
Oct. 15-17-----	*44.4	Feb. 24-----	26.5	Feb. 28-----	37.0
1912—		May 28-----	27.0	May 15-----	40.2
Oct. 16-18-----	*37.0	July 14-----	27.9	Aug. 13-----	44.6
1914—		Oct. 3-----	29.0	Nov. 20-----	45.9
Oct. 27-----	34.8	1922—		1929—	
1915—		Mar. 27-----	25.3	May 10-----	47.4
Nov. 1-----	35.0	May 24-----	24.5	Sept. 3-----	56.5
1916—		1923—		Nov. 11-----	57.2
June 7-----	28.6	June 5-----	23.7	1930—	
Nov. 16-----	28.0	Aug. 24-----	25.7	June 4-----	56.4
1917—		Nov. 21-----	25.6	July 28-----	62.2
May 19-----	26.4	1924—		Dec. 3-----	62.2
Nov. 23-----	26.7	Feb. 25-----	26.0	1931—	
1918—		Aug. 20-----	28.9	Feb. 18-----	58.2
May 3-----	25.3	Nov. 28-----	29.1	July 10-----	63.6
Oct. 12-----	24.8	1925—		Nov. 19-----	72.5
		May 13-----	30.3		
		Aug. 31-----	34.7		
		Oct. 28-----	34.2		

* Reference point—at ground. Elevation, 1169.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records).

E-107a-H-29, FRANK BUEHLER. MAP 7

Location and description—90 feet south of Park Avenue and 680 feet west of Nevada Street, west of Redlands.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—1189.6, from levels by P. E. Hicks.

Use—Domestic.

Depth of well—130 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 468, No. 132, W. S. P. 142, No. 84, Redlands; Location No. 18074.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1919—		1926—	
Oct. -----	^a 30.0	May 12 -----	20.3	May 19 -----	30.6
1904—		Nov. 6 -----	23.0	Nov. 1 -----	36.0
Oct. -----	^a 55.0	1920—		1927—	
1906—		May 17 -----	27.9	June 17 -----	36.7
Oct. -----	^a 53.0	Aug. 25 -----	30.1	Aug. 27 -----	40.9
		Oct. 29 -----	23.2	Nov. 4 -----	36.2
1907—		1921—		1928—	
Aug. 30 -----	^a 46.3	Feb. 24 -----	22.2	Mar. 16 -----	33.6
1909—		May 28 -----	23.1	May 15 -----	37.9
Oct. 15-17 -----	^a 42.5	July 14 -----	26.4	Aug. 13 -----	57.0
		Oct. 3 -----	27.9	Nov. 20 -----	41.6
1912—		1922—		1929—	
Oct. 16-18 -----	^a 34.6	Mar. 27 -----	22.0	May 10 -----	46.6
1914—		Aug. 21 -----	46.5	Sept. 3 -----	52.0
Oct. 27 -----	34.7	Oct. 25 -----	21.4	Nov. 11 -----	50.7
1915—		1923—		1930—	
May 27 -----	31.7	Mar. 22 -----	19.5	Feb. 26 -----	48.1
1916—		Aug. 24 -----	31.2	June 4 -----	41.9
Nov. 16 -----	22.5	Nov. 21 -----	21.9	July 28 -----	55.9
1917—		1924—		Dec. 3 -----	55.0
Nov. 23 -----	20.8	Feb. 25 -----	21.4	1931—	
		Nov. 28 -----	26.4	Feb. 18 -----	53.0
1918—		1925—		April 8 -----	^b 56.9
May 4 -----	20.7	May 13 -----	31.3	June 13 -----	^b 59.2
Oct. 12 -----	20.3	Aug. 31 -----	34.0	July 7 -----	^b 61.2
		Oct. 28 -----	29.3	Sept. 10 -----	^b 64.8
				Oct. 3 -----	^b 63.7
				Dec. 5 -----	^b 61.3

^a Reference point—at ground. Elevation, 1188.6.

^b Measurement from P. E. Hicks.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records) except as noted.

E-107b-H-29, N. B. HINCKLEY. MAP 7

Location and description—150 feet south of Barton Avenue, 0.13 miles east of California Street, west of Redlands.

Reference point—Top of casing, 0.7 feet above ground.

Elevation of reference point—1203.5, from levels by W. P. Rowe.

Use—Domestic.

Depth of well—720 feet.

Diameter of casing—10 inches.

Other numbers used—W. S. P. 468, No. 68; W. S. P. 142, No. 57, Redlands; P. E. Hicks No. S-58; State Div. E. and I. No. 23, Redlands Quad.; Location No. 18075.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1904—		1916—		1924—	
July 1.....	^a 85.9	Jan. 12.....	45.7	Jan. 12.....	38.2
Sept. 1.....	^a 84.5	Mar. 10.....	^b 42.8	Mar. 5.....	40.5
Dec. 1.....	^a 80.8	May 2.....	43.2	April 3.....	38.7
		July 17.....	42.7	July 10.....	43.4
1905—		Sept. 24.....	41.3	Sept. 22.....	47.5
Jan. 1.....	^a 81.0	Nrv. 1.....	^c 41.4	Oct. 7.....	^c 46.9
April 1.....	^a 79.0	Dec. 20.....	40.3	Dec. 29.....	43.9
June 1.....	^a 78.0				
Oct. 1.....	^a 79.3	1917—		1925—	
Dec. 1.....	^a 79.5	Jan. 1.....	^c 40.0	Jan. 17.....	44.2
1906—		Mar. 2.....	38.5	Mar. 6.....	45.0
Jan. 1.....	^a 79.4	May 3.....	38.2	April 13.....	44.8
July 1.....	^a 74.2	July 30.....	^c 41.5	Aug. 21.....	56.5
Oct. 22.....	^a 75.7	Oct. 3.....	42.0	Oct. 22.....	52.2
		Dec. 12.....	39.6	Nov. 20.....	51.6
1907—				Dec. 28.....	52.9
June 1.....	^a 67.1	1918—		1926—	
Nov.	^a 71.3	Mar. 2.....	^c 38.1	Feb. 18.....	51.2
1910—		April 8.....	38.9	Mar. 18.....	51.6
April 28.....	58.1	June 1.....	^c 41.2	April 21.....	50.7
June 11.....	59.5	Aug. 2.....	^c 41.4	June 8.....	55.3
July 9.....	61.0	Oct. 11.....	39.9	Aug. 2.....	59.6
Sept. 28.....	63.3	Dec. 4.....	^c 38.7	Oct. 2.....	58.6
1911—		1919—		Nov. 10.....	60.3
April 4.....	55.6	Jan. 4.....	38.8	Dec. 13.....	55.5
May 2.....	55.3	Mar. 11.....	^c 36.8	1927—	
June 1.....	57.0	May 6.....	^c 38.8	Jan. 13.....	54.5
Aug. 8.....	63.2	June 28.....	^c 42.5	April 13.....	50.8
Oct. 3.....	58.1	Aug. 22.....	^c 43.7	June 6.....	57.7
Dec. 14.....	56.6	Oct. 12.....	^c 43.4	Sept. 7.....	66.2
		Dec. 3.....	41.9	Oct. 3.....	63.6
1912—		1920—		Dec. 5.....	58.5
Jan. 23.....	55.0	Jan. 5.....	41.3	1928—	
Mar. 7.....	56.7	Mar. 27.....	^c 39.4	Jan. 4.....	54.3
April 9.....	54.8	May 12.....	^c 39.8	Mar. 2.....	52.5
July 6.....	56.4	July 15.....	^c 43.8	May 7.....	62.7
Sept. 5.....	58.6	Sept. 19.....	^c 44.3	Aug. 13.....	70.8
Oct. 12.....	57.0	Nov. 18.....	^c 42.9	Oct. 8.....	77.6
Dec. 1.....	59.7	1921—		Dec. 14.....	64.1
1913—		Jan. 6.....	42.0	1929—	
Jan. 23.....	55.5	Feb. 29.....	^c 40.6	Jan. 9.....	63.1
Mar. 5.....	60.7	Mar. 11.....	41.0	Mar. 13.....	64.9
April 8.....	54.2	June 2.....	^c 41.3	June 17.....	75.0
June 11.....	59.5	Aug. 10.....	46.0	Aug. 21.....	81.3
July 17.....	63.0	Sept. 8.....	47.4	Sept. 19.....	81.4
Oct. 18.....	61.0	Nrv. 14.....	^c 45.5	Dec. 12.....	77.6
Dec. 20.....	57.7	Dec. 8.....	45.1	1930—	
1914—		1922—		Jan. 6.....	75.5
Jan. 22.....	61.8	Jan. 13.....	^c 43.3	Feb. 7.....	82.1
Mar. 24.....	54.0	Mar. 21.....	^c 39.3	Mar. 13.....	70.4
May 13.....	52.5	April 23.....	^c 39.0	May 12.....	69.9
July 7.....	54.3	July 8.....	39.1	Sept. 5.....	86.9
Aug. 5.....	55.8	Sept. 8.....	40.6	Oct. 2.....	86.1
Oct. 2.....	55.2	Nov. 3.....	39.5	Dec. 6.....	80.8
Dec. 4.....	54.4	Dec. 9.....	^c 37.7		
1915—		1923—		1931—	
Jan. 4.....	52.2	Jan. 8.....	37.3	Jan. 20.....	77.9
Mar. 13.....	^b 49.5	Mar. 2.....	35.8	Feb. 18.....	75.0
May 13.....	^b 48.6	May 10.....	39.1	Mar. 16.....	75.5
July 8.....	^b 52.5	July 6.....	40.0	June 9.....	82.5
Aug. 4.....	^b 49.8	Sept. 17.....	41.2	July 31.....	92.2
Oct. 12.....	^b 50.1	Oct. 5.....	41.5	Sept. 4.....	90.6
Dec. 4.....	54.4	Dec. 8.....	40.0	Nov. 5.....	86.4
				Dec. 22.....	82.2

^a Measurements from United States Geological Survey (Water Supply Paper 468). Reference point not known.

^b Measurements from Haeslet.

^c Measurements from W. P. Rowe.

Measurements from Water Conservation Association except as noted.

E-107d-H-29, WILLIAM MARTIN (FORMERLY H. BERMUDAS). MAP 7

Location and description—300 feet south of Barton Avenue, 200 feet west of San Timoteo Road, west of Redlands.

Reference point—At ground, to and including October, 1912, then, top of casing, 1.8 feet above ground.

Elevation of reference point—1216.0, to and including October, 1912; then, 1217.8; from levels by P. E. Hicks.

Use—Not used.

Depth of well—146 feet.

Diameter of casing—7 inches.

Other numbers used—P. E. Hicks No. S-57; W. S. P. 468, No. 125; W. S. P. 142, No. 56, Redlands; Location No. 18075B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1918—		1928—Cont.	
Oct. -----	54.0	Oct. 12. -----	40.5	July 2. -----	61.1
1906—		1919—		Sept. 1. -----	63.5
Oct. -----	77.8	May 12. -----	39.8	Nov. 1. -----	65.3
1909—		Nov. 6. -----	43.2	1929—	
Oct. -----	65.6	1920—		Jan. 4. -----	64.3
1912—		May 17. -----	43.3	Mar. 2. -----	63.4
Oct. -----	57.0	Aug. 25. -----	43.8	June 5. -----	66.1
		Oct. 29. -----	44.1	Aug. 3. -----	69.0
1914—		1926—		Oct. 7. -----	70.6
Oct. 27. -----	56.3	May 19. -----	*52.7	Dec. 6. -----	71.3
1915—		Dec. 7. -----	57.3	1930—	
Nov. 1. -----	51.2	1927—		Jan. 6. -----	71.4
1916—		Feb. 2. -----	55.8	April 7. -----	70.2
June 7. -----	46.2	May 4. -----	54.1	June 3. -----	70.6
Nov. 16. -----	45.2	Sept. 2. -----	58.6	Aug. 4. -----	72.8
1917—		Nov. 3. -----	59.5	Oct. 4. -----	74.2
May 19. -----	49.6	1928—		Dec. 2. -----	74.6
Nov. 24. -----	41.8	Jan. 4. -----	57.9	1931—	
		Mar. 1. -----	56.7	Feb. 7. -----	74.7
		May 1. -----	58.4	May 6. -----	74.9
				July 6. -----	76.2
				Oct. 6. -----	78.2
				Dec. 8. -----	78.8

* Measurement from W. P. Rowe.

Measurements from United States Geological Survey (Water Supply Paper No. 468) to and including October 29, 1920; then from P. E. Hicks, except as noted.

E-107f-H-29, A. T. PARK (FORMERLY O. J. FISK). MAP 7

Location and description—0.22 miles north of Barton Avenue, 0.08 miles east of California Street, northwest of Redlands.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—1187.0, from levels by Riverside Water Cn.

Use—Not used.

Depth of well—86 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 468, No. 130; R. W. Co. No. 60; W. S. P. 142, No. 60, Redlands; Location No. 18071.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1919—		1925—	
Oct. -----	*50.0	May 12-----	31.2	May 16-----	36.9
1904—		Nov. 6-----	34.6	Aug. 31-----	41.8
Oct. -----	*68.0	1920—		Oct. 28-----	42.2
1906—		May 17-----	32.8	1926—	
Oct. -----	*70.2	Aug. 25-----	33.9	May 19-----	41.8
1907—		Oct. 29-----	34.3	Nov. 1-----	46.3
Aug. 30-----	*65.8	1921—		1927—	
1908—		Feb. 24-----	33.4	June 17-----	45.5
Oct. 15-17-----	*57.2	May 28-----	33.8	1928—	
1912—		July 14-----	34.5	Mar. 16-----	45.8
Oct. 16-18-----	*49.1	Oct. 3-----	36.3	May 15-----	48.8
1915—		1922—		Aug. 13-----	52.7
May 27-----	42.6	Mar. 27-----	32.9	Nov. 20-----	56.1
Nov. 1-----	41.2	May 24-----	31.9	1929—	
1916—		Aug. 21-----	30.8	May 10-----	55.5
June 7-----	39.1	Oct. 25-----	31.2	Sept. 3-----	65.4
Nov. 16-----	36.1	1923—		Nov. 11-----	67.5
1917—		Mar. 22-----	30.3	1930—	
May 19-----	33.3	June 5-----	30.3	Feb. 26-----	64.2
Nov. 24-----	33.2	Aug. 24-----	31.8	June 4-----	64.2
1918—		Nov. 21-----	32.1	July 28-----	70.3
May 3-----	32.8	1924—		Dec. 3-----	74.2
Oct. 12-----	31.7	Feb. 25-----	32.1	1931—	
		Nov. 28-----	36.3	Feb. 18-----	72.2
				June 10-----	73.8
				Aug. 24-----	Dry 82
				Nov. 19-----	Dry 82

* Reference point—at ground. Elevation, 1186.0.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records).

E-109-G-29, BLANCHE FRICK (FORMERLY WILLIAMS WELL). MAP 7

Location and description—0.35 miles north of Palmetto Avenue, 75 feet west of Nevada Street, northwest of Redlands, 50 feet north of Santa Ana River.

Reference point—Top of casing, 3.8 feet above ground, to and including June, 1896; then, top of casing 0.8 feet above ground.

Elevation of reference point—1155.4, from levels by W. P. Rowe. (See footnote).

Use—Not used.

Depth of well—110 feet.

Diameter of casing—10 inches.

Other numbers used—W. S. P. 468, p. 121; W. S. P. 142, p. 59; W. P. Rowe No. 274; State Div. E. and I. No. 46, Redlands Quad.; Location No. 18080.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1892—		1907—		1916—	
Aug. -----	0.0	Jan. 8.	18.3	Jan. 1.	7.4
1893—		April 27.	9.1	Feb. 5.	2.9
April -----	0.0	June 29.	10.8	April 1.	1.6
1894—		Oct. 5.	15.6	June 24.	1.9
Nov. -----	1.2	1908—		Aug. 26.	3.0
1896—		Jan. 4.	15.4	Sept. 30.	3.2
June -----	3.0	April 18.	11.8	Nov. 25.	2.3
1897—		July 20.	16.4	1917—	
June 17.	10.8	Oct. 31.	20.2	Feb. 10.	1.4
Nov. 28.	14.3	Dec. 26.	20.9	April 7.	1.1
1899—		1909—		June 9.	1.8
Jan. 17.	14.3	Feb. 27.	10.6	Sept. 8.	4.4
Mar. 4.	15.1	May 29.	7.5	Nov. 10.	5.2
Oct. 7.	22.4	Aug. 14.	13.0	1918—	
1900—		Oct. 23.	16.0	Jan. 5.	4.7
Jan. -----	25.7	Dec. 25.	10.4	April 6.	2.4
June 22.	25.0	1910—		June 8.	3.0
Oct. 25.	28.3	Feb. 19.	6.0	Sept. 7.	5.4
Dec. 10.	27.3	June 4.	8.8	Nov. 9.	6.6
1901—		Aug. 20.	13.2	1919—	
Feb. 19.	25.3	Nov. 26.	15.7	Jan. 11.	*5.8
April 13.	20.4	1911—		May 3.	*3.4
July 8.	25.2	Jan. 14.	15.1	Aug. 9.	*8.5
Nov. 19.	30.8	April 22.	4.7	Oct. 4.	*11.2
1902—		Aug. 5.	7.9	Dec. 6.	*10.6
Jan. 31.	32.0	Oct. 21.	10.0	1920—	
June 11.	32.9	Dec. 30.	11.0	Feb. 7.	*8.7
Sept. 22.	35.6	1912—		May 7.	*3.0
Dec. 9.	36.7	Mar. 16.	11.6	July 3.	*4.7
1903—		May 25.	7.8	Sept. 4.	*9.2
Feb. 5.	38.0	Aug. 24.	12.1	Nov. 6.	*10.9
May 25.	29.9	Oct. 5.	13.9	1921—	
Nov. 28.	36.0	Dec. 28.	14.8	Jan. 8.	*10.2
1904—		1913—		May 7.	*5.2
Mar. 30.	38.6	Feb. 15.	14.7	July 9.	*10.0
July 29.	39.0	April 26.	13.2	Oct. 8.	*14.3
Oct. 24.	41.1	Aug. 9.	18.0	Dec. 10.	*14.1
1905—		Nov. 29.	20.5	1922—	
Jan. 2.	42.8	1914—		Jan. 7.	*6.0
April 19.	31.4	Jan. 10.	19.3	April 8.	*2.5
June 27.	23.3	May 16.	5.8	June 8.	*3.0
Sept. 30.	30.2	Aug. 1.	8.0	Aug. 5.	*3.6
Dec. 2.	33.1	Dec. 26.	12.4	Nov. 4.	*5.4
1906—		1915—		1923—	
Jan. 3.	33.3	Feb. 13.	7.9	Jan. 6.	*2.6
April 14.	16.8	May 22.	3.9	Mar. 10.	*1.4
June 30.	12.2	July 10.	4.4	June 9.	*3.0
Sept. 28.	17.6	Sept. 18.	7.3	Sept. 8.	*6.6
Nov. 24.	23.3	Nov. 27.	8.6	Nov. 10.	*7.5
				1924—	
				Feb. 9.	*5.5
				April 5.	*6.3
				May 10.	*5.2
				July 5.	*8.3
				Sept. 6.	*11.6
				Nov. 8.	*13.4

E-109-G-29, BLANCHE FRICK (FORMERLY WILLIAM WELL). MAP 7—Continued

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1927—		1930—	
Feb. 7.....	*12.4	Feb. 5.....	*21.2	Jan. 4.....	38.0
April 4.....	*13.2	April 11.....	*21.8	Mar. 8.....	35.5
June 6.....	*14.9	June 11.....	*14.3	June 21.....	29.6
Aug. 8.....	*18.2	Aug. 6.....	*19.4	Aug. 9.....	*34.5
Oct. 3.....	*20.9	Nov. 5.....	*23.9	Oct. 4.....	*33.9
Dec. 5.....	*20.3			Dec. 6.....	*39.6
1926—		1928—		1931—	
Jan. 9.....	*19.4	Jan. 7.....	19.8	Feb. 7.....	*38.5
Feb. 6.....	*19.9	April 5.....	16.3	April 4.....	*35.2
April 3.....	*19.3	July 14.....	25.6	June 6.....	*37.9
May 8.....	*11.7	Sept. 15.....	29.7	Aug. 8.....	*41.7
July 3.....	*15.7	Nov. 17.....	31.3	Oct. 3.....	*45.0
Sept. 4.....	*21.6			Dec. 5.....	*46.5
Dec. 4.....	*25.0	1929—			
		Jan. 5.....	29.8		
		Mar. 9.....	26.9		
		May 11.....	25.8		
		July 20.....	31.6		
		Sept. 28.....	36.6		
		Nov. 30.....	37.7		

* Measurement from Gage Canal Company.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records) except as noted.

NOTE.—After the June, 1896, measurement 3 feet of casing were cut off but all measurements recorded here have been corrected to the original reference point.

Top of casing 3.8 feet above ground is elevation 1555.4.

Top of casing 0.8 feet above ground is elevation 1552.4.

E-109b-G-29, CHARLES A. KITCHING (FORMERLY MRS. G. RONZONE). MAP 7

Location and description—200 feet north of Pioneer Avenue, 60 feet west of Buckeye Street, northwest of Redlands.

Reference point—Top of casing, 2.6 feet above ground.

Elevation of reference point—1254.5, from levels by W. P. Rowe.

Use—Not used.

Depth of well—98 feet.

Diameter of casing—9 inches.

Other numbers used—W. S. P. 463, No. 117; W. S. P. 142, No. 117, Redlands; W. P. Rowe No. P-443;

Location No. 18091.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1915—		1920—	
Oct.	*65.0	May 27.....	47.5	May 17.....	46.7
1904—		Nov. 1.....	49.8	Aug. 24.....	52.9
Oct.	*91.0			Oct. 29.....	53.3
1906—		1916—		1929—	
Oct.	*74.0	June 7.....	38.6	Nov. 11.....	91.8
1907—		Nov. 15.....	36.5		
Aug. 30.....	*64.0	1917—		1930—	
		May 19.....	37.1	Feb. 21.....	88.1
1909—		Nov. 24.....	41.2	June 4.....	84.0
Oct. 15-17.....	*62.8	1918—		July 29.....	92.1
1912—		May 19.....	37.1	1931—	
Oct. 16-18.....	*56.6	Nov. 24.....	41.2	Feb. 18.....	90.5
		1919—		June 10.....	Dry 95
		May 12.....	45.0	Nov. 19.....	Dry 95
		Nov. 6.....	45.9		

* Reference point, at ground. Elevation 1251.9.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records.)

E-110-H-29, B. E. MARTIN. MAP 7

Location and description—200 feet north of Almond Avenue, 0.2 miles east of Nevada Street, north-west of Redlands.

Reference point—Top of casing, 1.6 feet above ground.

Elevation of reference point—1205.1, from levels by P. E. Hicks.

Use—Irrigation and domestic.

Depth of well—93 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 142, No. 124, Redlands; W. S. P. 468, No. 119; P. E. Hicks No. 304, Location No. 18082D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900— Oct.	*40.0	1919— May 12..... Nov. 6.....	22.6 24.5	1926— May 19..... Nov. 1.....	35.2 36.2
1904— Oct.	*65.0	1920— Aug. 25..... Oct. 29.....	25.5 25.8	1927— June 17..... Aug. 27..... Nov. 4.....	38.0 37.6 36.9
1906— Oct.	*57.0	1921— Feb. 23..... May 16..... July 14..... Oct. 3.....	26.9 31.7 35.1 29.3	1928— Mar. 16..... May 3..... Aug. 13..... Nov. 20.....	36.8 38.9 45.9 42.2
1907— Aug. 30.....	*50.4	1922— Mar. 27..... May 24..... Aug. 21..... Oct. 25.....	27.3 26.4 24.7 26.6	1929— May 22..... Sept. 3..... Nov. 11.....	48.6 47.5 48.4
1909— Oct. 15-17.....	*42.7	1923— Mar. 22..... May 22..... Aug. 24..... Nov. 21.....	23.2 22.6 23.1 21.9	1930— Feb. 21..... June 4..... July 29..... Dec. 3.....	49.2 52.0 57.3 54.2
1912— Oct. 16-18.....	*34.2	1924— Feb. 19..... Aug. 28..... Nov. 28.....	22.9 24.9 25.5	1931— Feb. 18..... June 10..... Aug. 24..... Nov. 19.....	55.4 57.8 60.1 61.9
1914— Oct. 27.....	33.7	1925— May 13..... Aug. 11..... Oct. 28.....	28.2 30.4 30.9		
1915— May 27..... Nov. 1.....	32.3 30.5				
1916— June 7..... Nov. 15.....	25.9 22.7				
1917— May 19..... Nov. 24.....	20.5 18.5				
1918— May 3..... Oct. 11.....	25.4 21.5				

* Reference point, at ground. Elevation 1203.5.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records.)

E-111-H-29, MRS. LUCY BEDFORD (FORMERLY MRS. F. MORRIS). MAP 7

Location and description—0.7 miles southerly along San Timoteo Road from Barton Avenue, 200 feet west of San Timoteo Road, west of Redlands.

Reference point—At ground, to and including October 16-18, 1912; then, top of casing, 1.6 feet above ground, to and including October 29, 1920; then, top of concrete base, 1.2 feet above ground.

Elevation of reference point—1243.9, to and including October 16-18, 1912; then, 1250.5, to and including October 29, 1920; then, 1250.1; from levels by P. E. Hicks.

Use—Domestic.

Depth of well—125 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 468, No. 127; P. E. Hicks No. S-54; W. S. P. 142, No. 155, Redlands; Location No. 18057B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1918—		1928—Cont.	
Oct. -----	*65.0	May 3. -----	*62.4	July 2. -----	80.2
		Oct. 12. -----	*65.6	Sept. 1. -----	83.2
1904—				Nov. 1. -----	83.9
Oct. -----	*95.0	1919—			
		May 12. -----	*60.2	1929—	
1906—		Nov. 6. -----	*63.8	Jan. 4. -----	82.0
Oct. -----	*96.3			Mar. 2. -----	80.8
		1920—		June 5. -----	84.0
1909—		May 17. -----	*63.0	Aug. 3. -----	87.7
Oct. 15-17. -----	*84.1	Aug. 25. -----	*65.7	Oct. 7. -----	90.7
		Oct. 29. -----	*65.2	Dec. 6. -----	91.0
1912—					
Oct. 16-18. -----	*76.1	1926—		1930—	
		June 3. -----	*73.6	Jan. 6. -----	91.2
1914—		Dec. 7. -----	76.8	Mar. 5. -----	88.4
Oct. 27. -----	*75.6			May 6. -----	87.2
		1927—		July 5. -----	89.8
1915—		Feb. 2. -----	74.9	Oct. 4. -----	94.8
May 27. -----	*76.4	May 4. -----	72.3	Dec. 2. -----	94.5
Nov. 1. -----	*77.7	July 2. -----	74.6		
		Oct. 8. -----	78.3	1931—	
1916—		Dec. 6. -----	77.3	Feb. 7. -----	92.6
June 7. -----	*65.7			April 7. -----	91.6
Nov. 16. -----	*63.7	1928—		June 5. -----	93.1
		Jan. 4. -----	76.3	Aug. 12. -----	97.2
1917—		Mar. 1. -----	74.7	Oct. 6. -----	100.1
May 19. -----	*60.8	May 1. -----	76.9	Dec. 8. -----	99.1
Nov. 24. -----	*61.7				

^a Measurement from United States Geological Survey (Water Supply Paper 468).

^b Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-111a-11-29, JOHN L. YOUNT (FORMERLY O. J. FISK). MAP 7

Location and description—200 feet south of Citrus Avenue, 150 feet east of Nevada Street, west of Redlands.

Reference point—Top of casing, at ground.

Elevation of reference point—1201.8, from levels by P. E. Hicks.

Use—Not used.

Depth of well—109 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 142, No. 83, Redlands; W. S. P. 468, No. 124; Location No. 18084.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1919—		1926—	
Oct. -----	39.0	May 12-----	16.5	May 19-----	26.2
		Nov. 6-----	18.5	Nov. 1-----	30.2
1904—		1920—		1927—	
Oct. -----	50.0	May 17-----	18.1	June 17-----	31.3
		Aug. 25-----	18.0	Aug. 27-----	33.5
1906—		Oct. 29-----	18.9	Nov. 4-----	33.9
Oct. -----	47.8				
1907—		1921—		1928—	
Aug. 30-----	43.8	Feb. 24-----	19.1	Mar. 16-----	32.6
		May 28-----	19.4	May 15-----	34.5
1909—		July 14-----	20.2	Aug. 13-----	37.7
Oct. 15-17-----	40.4	Oct. 3-----	21.3	Nov. 20-----	39.2
1912—		1922—		1929—	
Oct. 16-18-----	31.7	Mar. 27-----	19.6	May 10-----	40.3
		Aug. 21-----	17.8	Sept. 3-----	44.6
1915—		Oct. 25-----	17.6	Nov. 11-----	46.1
May 27-----	31.4				
Oct. 31-----	26.8	1923—		1930—	
		Mar. 22-----	16.6	Feb. 26-----	46.6
1916—		Nov. 21-----	17.0	June 4-----	47.4
June 7-----	22.2			July 28-----	49.7
Nov. 16-----	19.6	1924—		Dec. 3-----	52.4
		Feb. 25-----	16.5		
1917—		Aug. 26-----	19.3	1931—	
May 19-----	16.5	Nov. 28-----	19.3	Feb. 18-----	51.9
Nov. 24-----	16.5			June 10-----	54.8
		1925—		Aug. 24-----	58.2
1918—		May 13-----	21.3	Nov. 18-----	59.9
May 3-----	14.9	Aug. 31-----	24.3		
Oct. 12-----	15.5	Oct. 28-----	24.9		

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records).

E-111e-H-29, A. C. FOWLER. MAP 7

Location and description—0.2 miles south of Barton Avenue, 300 feet east of San Timoteo Road, west of Redlands.

Reference point—At ground, to and including October, 1912; then, top of casing, 0.8 feet above ground.

Elevation of reference point—1278.7, to and including October, 1912; then, 1279.5; from levels by P. E. Hicks.

Use—Domestic.

Depth of well—170 feet.

Diameter of casing—9 inches.

Other numbers used—W. S. P. 468, No. 126; W. S. P. 142, No. 45, Redlands; P. E. Hicks No. S-62; Location No. 18085D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1919—		1929—	
Oct. -----	110.0	May 12. -----	95.0	May 10. -----	122.1
1909—		Nov. 6. -----	97.9	Sept. 3. -----	131.0
O t. 15-17. -----	120.9	1920—		Nov. 11. -----	132.8
1912—		May 17. -----	100.8	1930—	
Oct. 16-18. -----	96.4	Aug. 25. -----	99.9	Feb. 26. -----	128.0
1916—		Oct. 29. -----	99.5	June 4. -----	127.9
June 7. -----	101.1	1926—		July 28. -----	133.0
Nov. 16. -----	99.1	Dec. 7. -----	*113.9	Dec. 3. -----	136.4
1917—		1928—		1931—	
May 19. -----	96.2	Jan. 4. -----	*113.4	Mar. 4. -----	131.2
Nov. 24. -----	97.2	Feb. 28. -----	111.8	June 10. -----	134.7
1918—		May 15. -----	115.8	Aug. 24. -----	142.8
May 3. -----	95.5	Aug. 13. -----	123.0	Nov. 19. -----	146.4
Oct. 12. -----	95.1	Nov. 20. -----	124.6		

* Measurement from P. E. Hicks.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records) except as noted.

E-111h-H-29, GEORGE HINKLEY (FORMERLY W. A. NICHOLS). MAP 7

Location and description—180 feet south of Park Avenue, 640 feet west of Kansas Street, west of Redlands.

Reference point—At ground, to and including October 16-18, 1912; then, top of casing, 2.0 feet above ground.

Elevation of reference points—1243.5, to and including October 16-18, 1912; then, 1245.5; from levels by P. E. Hicks.

Use—Not used.

Depth of well—122 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 142, No. 94, Redlands; W. S. P. 468, No. 122; Location No. 18094.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1919—		1926—	
Oct. -----	54.0	May 12.-----	26.0	May 19.-----	40.6
1904—		Nov. 6.-----	28.6	Nov. 1.-----	45.1
Oct. -----	70.0	1920—		1927—	
1906—		May 17.-----	31.0	June 17.-----	46.9
Oct. -----	54.0	Aug. 25.-----	30.6	Aug. 27.-----	46.7
1909—		Oct. 29.-----	31.1	Nov. 4.-----	46.6
Oct. -----	50.4	1921—		1928—	
1912—		Feb. 24.-----	32.1	Mar. 16.-----	46.9
Oct. 16-18.-----	38.5	Mar. 28.-----	33.0	May 15.-----	48.6
1914—		July 14.-----	33.6	Aug. 13.-----	51.1
Oct. 27.-----	42.2	Oct. 3.-----	34.5	Nov. 20.-----	52.4
1915—		1922—		1929—	
May 27.-----	39.0	Mar. 27.-----	32.8	May 10.-----	55.1
Nov. 1.-----	37.2	May 24.-----	31.8	Sept. 3.-----	60.9
1916—		Aug. 21.-----	30.3	Nov. 11.-----	63.1
June 7.-----	31.7	Oct. 25.-----	29.3	1930—	
Nov. 16.-----	27.2	1923—		Feb. 26.-----	61.8
1917—		Mar. 22.-----	28.0	June 4.-----	62.9
May 19.-----	24.6	June 5.-----	27.2	July 26.-----	65.6
Nov. 24.-----	23.8	Aug. 24.-----	27.1	Dec. 3.-----	67.3
1918—		Nov. 21.-----	27.0	1931—	
May 3.-----	23.4	1924—		Feb. 18.-----	67.1
Oct. 12.-----	23.9	Feb. 25.-----	27.8	June 10.-----	71.7
		Aug. 28.-----	29.6	Nov. 19.-----	74.6
		Nov. 28.-----	30.9		
		1925—			
		May 13.-----	33.6		
		Aug. 31.-----	36.2		
		Oct. 28.-----	37.2		

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records).

E-112a-H-29, W. A. ROTH (FORMERLY OLD VACHE WINERY). MAP 7

Location and description—0.28 miles south of Denman Avenue, 300 feet west of San Timoteo Road, west of Redlands.

Reference point—At ground, to and including October, 16-18, 1912; then, top of block on casing, 2.0 feet above ground.

Elevation of reference point—1292.5, to and including October, 16-18, 1912; then, 1294.5; from levels by P. E. Hicks.

Use—Not used.

Depth of well—140 feet.

Diameter of casing—7 inches.

Other numbers used—W. S. P. 468, No. 128; State Div. E. and I. No. 27, Redlands Quad.; P. E. Hicks No. S-48; W. S. P. 142, No. 48, Redlands; Location No. 18096.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—		1919—		1928—Cont.	
Oct. -----	*60.0	May 12.-----	*62.9	July 2.-----	74.5
		Nov. 6.-----	*66.4	Sept. 1.-----	77.1
1904—				Nov. 1.-----	75.9
Oct. -----	*78.0	1920—			
		May 17.-----	*63.0	1929—	
1906—		Aug. 25.-----	*65.5	Jan. 4.-----	73.6
Oct. -----	*78.2	Oct. 29.-----	*66.2	Mar. 2.-----	72.5
				June 5.-----	75.4
1909—		1922—		Aug. 3.-----	78.7
Oct. 15-17.-----	*81.8	Sept. 14.-----	*60.5	Oct. 7.-----	79.8
				Dec. 6.-----	79.0
1912—		1926—			
Oct. 16-18.-----	*67.3	May 9.-----	*68.3	1930—	
		Dec. 7.-----	71.2	Feb. 3.-----	76.5
1915—				April 7.-----	75.4
May 27.-----	*63.7	1927—		May 6.-----	75.5
Nov. 1.-----	*66.4	Feb. 2.-----	69.7	July 5.-----	79.7
		Mar. 3.-----	68.5	Sept. 2.-----	89.9
1916—		May 4.-----	65.0	Nov. 5.-----	82.2
June 7.-----	*62.6	July 2.-----	69.3		
Nov. 16.-----	*65.6	Oct. 8.-----	73.0	1931—	
		Dec. 6.-----	70.9	Jan. 9.-----	78.8
1917—				Mar. 6.-----	77.8
May 19.-----	*69.1	1928—		June 5.-----	81.6
Nov. 24.-----	*63.3	Jan. 4.-----	70.4	Aug. 12.-----	86.1
		Mar. 1.-----	69.3	Oct. 6.-----	85.6
1918—		May 1.-----	72.4	Dec. 8.-----	81.7
May 3.-----	*62.9				
Oct. 12.-----	*65.0				

* Measurement from United States Geological Survey (Water Supply Paper 468).

b Measurement from Division of Water Resources.

c Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-112c-I-29, H. L. HUBBARD. MAP 7

Location and description—150 feet west of intersection of S. P. R. R. and San Timoteo Road, south-west of Redlands.

Reference point—Top of block on casing, 1.5 feet above ground.

Elevation of reference point—1350.6, from levels by P. E. Hicks.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—P. E. Hicks No. S-40; Location No. 18097.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1930—	
Dec. 7.-----	39.1	Jan. 4.-----	39.1	Jan. 6.-----	42.0
		Mar. 1.-----	38.6	Mar. 5.-----	41.7
1927—		June 1.-----	39.5	June 3.-----	41.1
Feb. 2.-----	38.6	Aug. 1.-----	40.4	Aug. 4.-----	42.0
Mar. 5.-----	37.1	Oct. 3.-----	40.7	Oct. 4.-----	42.6
May 3.-----	35.4	Dec. 6.-----	40.6	Dec. 2.-----	42.5
July 2.-----	36.9				
Oct. 8.-----	39.3	1929—		1931—	
Dec. 6.-----	39.3	Jan. 4.-----	40.3	Feb. 7.-----	42.3
		Mar. 7.-----	39.3	April 7.-----	42.1
		June 6.-----	40.5	July 6.-----	42.9
		Sept. 6.-----	41.5	Oct. 6.-----	43.6
		Nov. 4.-----	41.7	Dec. 8.-----	43.1

Measurements from P. E. Hicks.

E-114-H-29, F. E. PUTNAM AND L. E. WALKER. MAP 7

Location and description—660 feet south of Lugonia Avenue and 20 feet west of Texas Street, Redlands.

Reference point—Top of wooden clamp, 7.3 feet below ground and wooden cover on pit, to and including October 15, 1929; then, mark on column pipe, at ground, 7.3 feet above wooden clamp.

Elevation of reference point—1314.6, to and including October 15, 1929; then, 1321.9; from levels by P. E. Hicks.

Use—Not used.

Depth of well—240 feet.

Diameter of casing—12 inches.

Other numbers used—W. P. Rowe No. P-101; State Div. E. and I. No. 19, Redlands Quad.; P. E. Hicks, No. 415; Location No. 18103.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1919—		1924—	
April 2.....	^a 87.2	Mar. 11.....	67.3	Oct. 7.....	78.5
June 10.....	^a 83.6	May 6.....	68.4		
Sept. 7.....	^a 80.7	June 28.....	70.9	1925—	
Oct. 12.....	^a 80.9	Oct. 12.....	74.5	Nov. 23.....	89.9
Dec. 1.....	73.0	Nov. 19.....	75.1		
1916—		1920—		1926—	
Jan. 13.....	72.4	Feb. 8.....	75.7	Jan. 4.....	89.5
Mar. 24.....	64.5	Mar. 27.....	74.9		
July 12.....	58.9	June 19.....	73.9	1927—	
Nov. 1.....	58.0	Sept. 19.....	77.4	Dec. 13.....	94.6
		Nov. 18.....	76.8		
1917—		1921—		1929—	
Jan. 1.....	57.2	Feb. 19.....	77.2	Oct. 15.....	120.2
Mar. 25.....	56.0	Mar. 25.....	76.9		
June 24.....	58.0	June 2.....	78.2	1930—	
Nov. 6.....	61.5	July 4.....	80.3	May 8.....	b119.8
		Nov. 14.....	84.7	Sept. 22.....	b133.4
1918—		1922—		1931—	
Jan. 2.....	61.8	Jan. 13.....	81.6	April 8.....	b130.0
Mar. 22.....	62.8	Mar. 21.....	79.3	June 13.....	b135.6
June 1.....	62.5	April 23.....	72.3	Sept. 1.....	b146.7
Sept. 25.....	68.0	July 4.....	68.3	Oct. 3.....	b146.4
Dec. 4.....	67.2	Sept. 26.....	72.6	Dec. 10.....	b140.1
		Dec. 9.....	69.9		

^a Measurements from Riverside Water Company.

^b Measurements from P. E. Hicks.

Measurements from W. P. Rowe except as noted.

E-116-I-29, H. L. COVINGTON (FORMERLY C. T. COVINGTON). MAP 7

Location and description—0.75 miles southerly along San Timoteo Road from intersection with S. P. R. R. and 200 feet east of San Timoteo Road, south of Redlands.

Reference point—Top of casing, 1.1 feet above ground.

Elevation of reference point—1407.4, from levels by P. E. Hicks.

Use—Abandoned.

Depth of well—66 feet.

Diameter of casing—7 inches.

Other numbers used—P. E. Hicks No. S-35; State Div. E. and I. No. 49, Redlands Quad.; W. S. P. 142, No. 157, Redlands; Location No. 18107.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900—	^a 40.0	1926—		1929—	
1919—		Feb. 4—	^b 40.2	Jan. 4—	40.6
Sept. 12—	^b 39.2	Dec. 7—	38.5	Mar. 2—	38.7
Oct. 15—	^b 39.0	1927—		June 5—	40.4
1921—		Mar. 16—	^b 34.6	Aug. 3—	41.2
July 16—	^b 35.9	Oct. 8—	38.9	Oct. 7—	42.2
1923—		Dec. 6—	39.3	Dec. 6—	42.8
May 16—	^b 33.3	1928—		1930—	
1924—		Jan. 4—	38.7	Jan. 6—	42.9
Nov. 29—	^b 38.0	April 3—	37.6	April 7—	40.5
		June 1—	39.0	June 3—	40.6
		Aug. 1—	40.1	Aug. 4—	42.0
		Oct. 3—	41.0	Oct. 4—	43.0
		Dec. 6—	41.1	Nov. 4—	Destroyed

^a Measurements from United States Geological Survey (Water Supply Paper 142).

^b Measurements from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-117-I-30, H. L. HUBBARD. MAP 8

Location and description—240 feet southeast of San Timoteo Canyon Road, 0.31 miles northwest of Alessandro Road, south of Redlands.

Reference point—Top of timbers, 8 inches above floor of pump house, 0.7 feet above ground.

Elevation of reference point—1439.3, from levels by P. E. Hicks.

Use—Irrigation.

Diameter of casing—14 inches.

Other numbers used—P. E. Hicks No. S-32; State Div. E. and I. No. 122, Redlands Quad.; Location No. 18118.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1928—		1930—	
April 20—	55.7	Jan. 4—	57.3	Jan. 6—	63.8
1926—		Feb. 2—	56.5	Mar. 5—	60.3
May 18—	51.1	Mar. 1—	55.4	May 6—	58.8
Dec. 8—	64.1	May 1—	56.6	July 5—	61.0
Dec. 31—	62.1	June 1—	56.6	Sept. 2—	62.4
1927—		Aug. 1—	60.3	Nov. 5—	63.9
Feb. 2—	59.7	Oct. 3—	60.8	Dec. 2—	62.5
April 1—	56.2	Dec. 6—	58.1	1931—	
May 3—	54.7	1929—		Jan. 9—	63.7
June 30—	56.3	Jan. 4—	58.4	Mar. 6—	61.4
Sept. 2—	88.7	Feb. 1—	57.0	May 6—	62.3
Oct. 8—	61.4	April 18—	34.9	May 5—	63.0
Dec. 6—	59.1	July 8—	59.6	Aug. 12—	70.2
		Sept. 6—	64.6	Oct. 6—	67.8
		Oct. 7—	62.3	Dec. 8—	65.4
		Dec. 6—	67.4		

Measurements from P. E. Hicks.

E-118-G-30, G. W. SCHIACHT (FORMERLY MR. ARNOLD). MAP 7

Location and description—225 feet north of Pioneer Avenue, 150 feet west of Church Street, Redlands.

Reference point—Top of 2-inch well column, 3.0 feet above ground.

Elevation of reference point—1387.2, from levels by Riverside Water Co.

Use—Not used.

Depth of well—150 feet.

Diameter of casing—8 inches.

Other numbers used—R. W. Co No 1011; W. P. Rowe No. P-359; Location No. 18121A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1915—		1918—		1921—	
Mar. 31.....	*188.5	Jan. 2.....	111.6	Feb. 19.....	131.2
April 8.....	*140.8	Mar. 2.....	114.2	Mar. 25.....	130.0
June 10.....	*118.2	Mar. 22.....	108.0	June 1.....	130.6
July 8.....	*116.8	June 1.....	108.9	July 4.....	131.6
Sept. 7.....	*115.6	Aug. 16.....	114.4	Nov. 14.....	137.9
Oct. 12.....	*119.9	Sept. 25.....	116.8		
Dec. 28.....	*121.0	Dec. 4.....	119.5	1922—	
1916—		1919—		Jan. 13.....	133.3
Feb. 1.....	*109.6	Mar. 11.....	119.6	Mar. 21.....	118.9
Mar. 14.....	*95.0	April 15.....	118.6	June 19.....	101.6
Nov. 1.....	100.9	June 28.....	122.2	July 4.....	100.3
1917—		Aug. 22.....	125.7	Sept. 26.....	102.5
Jan. 1.....	102.4	Oct. 12.....	128.4	Dec. 9.....	104.4
June 29.....	101.7	Dec. 29.....	130.5	1924—	
July 30.....	103.4	1920—		Oct. 7.....	129.7
Aug. 16.....	92.8	Feb. 8.....	131.8	1925—	
Nov. 6.....	109.1	Mar. 27.....	126.2	Nov. 21.....	Dry ^b 146.3
		May 12.....	118.7		
		July 15.....	123.6	1927—	
		Sept. 19.....	128.9	Dec. 29.....	146.2
		Nov. 18.....	131.4		

* Measurements from Riverside Water Company.

^b Measurements from Division of Water Resources.

Measurements from W. P. Rowe except as noted.

E-118a-G-30, EDDIE NORMAN. MAP 7

Location and description—0.95 miles south of Third Street extension, 400 feet east of Church Street, north of Redlands.

Reference point—Top of casing, 0.6 feet below ground.

Elevation of reference point—1344, from Met. W. D. topog. by D. W. R.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—S. B. W. D. No. 11; State Div. E. and f. No. 117, Redlands Quad.; Location No. 18120.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Dec. 18.....	104.2	Jan. 14.....	112.9	Mar. 5.....	128.5
1928—		Mar. 26.....	109.0	April 2.....	128.2
Feb. 2.....	100.8	June 24.....	112.7	June 4.....	129.9
Mar. 1.....	98.3	Aug. 14.....	117.0	July 3.....	131.9
April 30.....	98.7	Sept. 28.....	119.2	Aug. 3.....	Dry 135
June 2.....	100.4	Nov. 6.....	128.1	Nov. 16.....	Dry 135
Oct. 4.....	111.2	Dec. 9.....	131.0		
Dec. 4.....	113.6	1930—		1932—	
		Jan. 3.....	125.0	Jan. 4.....	Dry 135
		Feb. 6.....	125.8		
		Mar. 9.....	125.0		

Measurements from San Bernardino Water Department.

E-119a-H-30, NORTH BRAE WATER COMPANY. MAP 7

Log Available

Location and description—40 feet west of Church Street, 0.07 miles north of San Bernardino Avenue, Redlands. 30 feet southwest of new well.

Reference point—Top of casing, at ground, to and including May 8, 1930; then, hole in top of concrete slab, 0.3 feet above ground.

Elevation of reference point—1397.4, to and including May 8, 1930; then, 1397.7; from levels by P. E. Hicks.

Use—Not used.

Depth of well—220 feet.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks No. 504; Location No. 18122A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1930—		1931—	
Dec. 13.....	154.0	Jan. 17.....	178.5	June 29.....	194.2
1928—		May 8.....	175.0	Nov. 21.....	197.5
Dec. 29.....	167.6			Dec. 12.....	196.4

Measurements from P. E. Hicks.

E-120-H-30, MRS. S. S. CARNAHAN ESTATE (FORMERLY J. W. SIMONDS). MAP 7

Log Available

Location and description—30 feet north of Highland Avenue, 300 feet east of Reservoir Street, Redlands.

Reference point—Top of casing, at ground.

Elevation of reference point—1522.8, from levels by P. E. Hicks.

Use—Not used.

Depth of well—850 feet.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. R-45; State Div. E. and I. No. 64, Redlands Quad.; Location No. 18135.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1938—Cont.		1930—	
Mar. 23.....	^a 160.0	July 3.....	149.3	Jan. 7.....	167.2
1927—		Sept. 6.....	153.0	Mar. 3.....	164.2
Feb. 7.....	^b 160.7	Nov. 1.....	156.5	May 2.....	162.0
April 2.....	159.0	Dec. 7.....	156.1	July 5.....	161.7
June 1.....	156.5	1929—		Sept. 2.....	164.9
Aug. 1.....	155.1	Feb. 2.....	153.6	Nov. 5.....	166.4
Oct. 6.....	155.2	May 3.....	150.7		
Dec. 6.....	154.3	July 9.....	154.5	1931—	
1928—		Sept. 6.....	161.1	Jan. 9.....	165.5
Feb. 2.....	152.0	Nov. 4.....	164.2	Mar. 6.....	163.5
April 9.....	148.9			June 5.....	165.6
				Aug. 13.....	171.8
				Oct. 12.....	176.5
				Dec. 8.....	176.8

^a Measurements from Division of Water Resources.

^b Measurements from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-120a-11-30, AARON COFFEEN (FORMERLY MR. MESSINGILL). MAP 7

Location and description—40 feet north of Crescent Avenue, 150 feet east of Cajon Street, Redlands.

Reference point—Top of concrete pump base, at ground.

Elevation of reference point—1570.9, from levels by P. E. Hicks.

Use—Not used.

Diameter of casing—8 inches.

Other numbers used—P. E. Hicks No. R-48; Location No. 18125.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1929—		1931—	
May 13.....	*189.4	Jan. 7.....	188.5	April 4.....	200.9
		May 3.....	192.0	June 15.....	202.1
1927—		Oct. 12.....	194.6	Aug. 13.....	203.0
Feb. 7.....	*183.1			Oct. 12.....	203.5
June 9.....	189.9			Dec. 8.....	203.8
Oct. 6.....	181.9				

* Measurements from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-122-1-30, DANIEL SMILEY ESTATE. MAP 8

Log Available

Location and description—0.10 miles east of Alessandro Road, 0.4 miles northeast of San Timoteo Canyon Road, south of Redlands. 20 feet west of concrete porch of house.

Reference point—Top of wooden clamp on casing, 1.5 feet above ground.

Elevation of reference point—1513.6, from levels by P. E. Hicks.

Use—Not used.

Depth of well—106 feet.

Diameter of casing—7 inches.

Other numbers used—P. E. Hicks No. S-33, State Div. E. and I. No. 76, Redlands Quad.; W. S. P. 142, No. 163, Redlands; Location No. 18128.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900.....	*76.0	1928—		1930—	
		Feb. 7.....	64.6	Feb. 3.....	68.7
1926—		April 3.....	63.7	April 7.....	67.9
June 21.....	63.1	May 1.....	64.0	June 3.....	67.5
Dec. 1.....	65.7	July 2.....	64.5	July 5.....	68.0
Dec. 31.....	65.2	Sept. 1.....	65.6	Sept. 2.....	68.8
		Nov. 1.....	66.6	Nov. 5.....	69.3
1927—		1929—		1931—	
Feb. 2.....	64.4	Jan. 4.....	66.8	Jan. 9.....	69.7
April 1.....	63.2	Mar. 2.....	65.8	Mar. 6.....	69.7
May 3.....	62.7	April 18.....	65.2	April 7.....	69.2
Aug. 2.....	63.5	Aug. 3.....	65.6	June 5.....	69.7
Oct. 8.....	64.5	Oct. 7.....	67.7	Sept. 8.....	71.3
Dec. 6.....	65.0	Nov. 4.....	68.5	Nov. 6.....	71.4
				Dec. 8.....	71.9

* Measurements from Water Supply Paper 142. Reference point—at ground. Elevation 1512.1.

Measurements from P. E. Hicks except as noted.

E-122c-I-30, GEORGE O. BELLUE. MAP 8

Location and description—20 feet south of San Timoteo Canyon Road near west line of Section 11, 0.66 mile southeast of Alessandro Road and 0.40 miles northwest of south line of San Bernardino County, south of Redlands.

Reference point—Top of board cover, at ground, for year 1919; then, top of casing, 0.5 feet above ground.

Elevation of reference point—1525.1, for year 1919; then, 1525.6; from levels by P. E. Hicks.

Use—Domestic.

Depth of well—110 feet.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. S-29; State Div. E. and I. No. 50, Redlands Quad.; Location No. 18129.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1919—		1927—		1930—	
Aug. 11.....	*60.4	Mar. 16.....	*52.0	Jan. 6.....	67.0
Sept. 12.....	*61.3	Nov. 2.....	58.9	Feb. 3.....	62.6
Oct. 12.....	*62.2	Dec. 15.....	57.4	April 7.....	57.6
1921—		1928—		May 6.....	59.6
April 20.....	54.5	Jan. 4.....	55.5	June 3.....	58.5
Oct. 3.....	58.2	Mar. 1.....	52.8	Aug. 4.....	63.1
1924—		July 2.....	59.8	Nov. 5.....	67.5
Sept. 15.....	62.5	Sept. 1.....	62.4	1931—	
Nov. 11.....	*56.5	Nov. 1.....	62.7	Jan. 9.....	66.3
1925—		Dec. 6.....	62.2	Mar. 6.....	60.6
Aug. 10.....	59.5	1929—		May 6.....	63.3
1926—		Jan. 4.....	58.0	June 5.....	64.7
Feb. 4.....	*59.3	Mar. 2.....	53.8	Aug. 12.....	67.8
Aug. 31.....	60.4	June 6.....	58.4	Oct. 6.....	69.9
Dec. 8.....	58.6	Aug. 3.....	65.1	Dec. 8.....	70.4
		Oct. 7.....	66.2		
		Dec. 6.....	67.2		

* Measurements from W. P. Rowe.

^b Measurements from Division Water Resources.

Measurements from P. E. Hicks except as noted.

E-122j-I-30, G. A. AUSTIN. MAP 8

Location and description—250 feet south of Live Oak Canyon Road, 0.42 miles east along Live Oak Canyon Road from San Timoteo Canyon Road, south of Redlands.

Reference point—Top of 1 beams under pump, at ground.

Elevation of reference point—1582.1, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—210 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks, No. Y-52, Location No. 18139C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1928—		1930—	
April 14.....	48.0	Jan. 4.....	38.9	Jan. 6.....	42.9
1925—		Mar. 1.....	38.3	Mar. 5.....	41.2
Aug. 10.....	56.0	April 3.....	38.4	May 6.....	40.6
1926—		June 1.....	39.4	July 5.....	46.8
June 3.....	*41.1	Sept. 1.....	45.5	Sept. 2.....	50.2
Dec. 8.....	40.6	Nov. 1.....	44.2	Oct. 4.....	50.7
1927—		1929—		Dec. 2.....	45.3
Jan. 8.....	40.2	Jan. 4.....	41.5	1931—	
Mar. 5.....	39.2	Mar. 2.....	40.2	Feb. 7.....	42.7
May 3.....	38.9	April 18.....	39.8	April 4.....	41.8
July 2.....	41.0	Aug. 3.....	44.3	May 6.....	42.4
Oct. 8.....	40.0	Sept. 6.....	57.8	July 6.....	49.7
Dec. 6.....	39.1	Oct. 7.....	57.0	Sept. 8.....	47.2
		Nov. 4.....	44.0	Oct. 6.....	45.2
				Dec. 8.....	42.7

* Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-122k-1-30, ED MULVIHILL. MAP 8

Location and description—30 feet southwest of San Timoteo Canyon Road and 300 feet northwest of Live Oak Canyon Road, south of Redlands. 130 feet northwest of windmill well.

Reference point—Top of casing, 1.5 feet above ground.

Elevation of reference point—1553.1, from levels by P. E. Hicks.

Use—Never used.

Depth of well—200 feet.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks No. S-69; Location No. 18139D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1928—		1930—	
April 16.....	55.5	Jan. 4.....	58.0	Jan. 6.....	75.4
		Feb. 2.....	55.9	Mar. 5.....	71.5
1926—		April 2.....	54.3	May 6.....	67.9
Dec. 8.....	64.4	June 2.....	56.6	June 3.....	66.2
		Aug. 1.....	61.9	Aug. 4.....	69.2
1927—		Oct. 3.....	66.5	Oct. 4.....	73.0
Feb. 2.....	57.9	Nov. 1.....	68.2	Dec. 2.....	76.3
April 1.....	54.2				
May 3.....	53.0	1929—		1931—	
July 2.....	54.7	Jan. 4.....	65.0	Jan. 9.....	76.3
Sept. 2.....	58.6	Mar. 2.....	59.9	Mar. 6.....	72.0
Nov. 3.....	60.6	April 18.....	59.2	June 5.....	73.6
		July 9.....	64.6	July 6.....	78.5
		Sept. 6.....	69.3	Aug. 12.....	77.9
		Nov. 4.....	72.6	Oct. 6.....	80.5
				Dec. 8.....	82.6

Measurements from P. E. Hicks.

E-123c-H-30, BEAR VALLEY MUTUAL WATER COMPANY. MAP 7

Log Available

Location and description—1300 feet south of San Bernardino Avenue, 1360 feet east of Judson Street, west of Mentone.

Reference point—Hole in top of 5-inch pump base, set on top of 1 beam, 1 foot above ground.

Elevation of reference point—1521.0, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—578 feet.

Diameter of casing—26 inches.

Other numbers used—P. E. Hicks No. 701; Location No. 18142B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
Jan. 17.....	240.8	May 8.....	238.3	April 8.....	245.5
				Nov. 22.....	*266.1
				Dec. 12.....	261.4

* Pump running all summer. Dowa November 15.

Measurements from P. E. Hicks.

E-124-H-30, (FORMERLY DR. EDMUNDS). MAP 7

Location and description—200 feet southeasterly along State 1 highway from intersection with Judson Street (produced south), in north gutter of highway, Redlands. Casing with iron cap.

Reference point—Top of casing, at ground.

Elevation of reference point—1608.5, from levels by P. E. Hicks.

Use—Not used.

Diameter of casing—7 inches

Other numbers used—P. E. Hicks No. R-54, Location No. 18145.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1911—		1928—		1930—	
Jan. 27.....	63.7	Jan. 10.....	131.3	Jan. 7.....	157.5
		Mar. 2.....	125.7	Mar. 5.....	144.3
1913—		April 9.....	124.2	May 2.....	139.8
Jan. 22.....	84.0	June 2.....	133.4	June 3.....	138.4
		Aug. 1.....	143.5	July 5.....	142.2
1921—		Oct. 8.....	154.7	Oct. 4.....	147.0
April 26.....	118.6	Nov. 1.....	154.9	Nov. 5.....	147.2
		Dec. 7.....	146.9	Dec. 30.....	142.7
1927—		1929—		1931—	
Jan. 6.....	153.9	Jan. 1.....	141.8	Jan. 9.....	136.3
Mar. 1.....	151.1	Mar. 2.....	135.2	Mar. 6.....	130.3
May 3.....	142.0	May 3.....	131.2	May 6.....	133.2
June 1.....	140.5	July 9.....	145.7	July 6.....	150.3
Aug. 1.....	142.6	Sept. 6.....	155.3	Sept. 9.....	160.4
Sept. 1.....	144.5	Oct. 12.....	158.0	Oct. 12.....	163.3
Oct. 6.....	142.8	Dec. 6.....	161.4	Dec. 8.....	154.6
Nov. 8.....	138.9				

Measurements from P. E. Hicks.

E-124d-H-31, D. G. FARQUHAR (FORMERLY D. B. CONKLIN). MAP 7

Location and description—640 feet south of Fifth Avenue, 0.38 miles east of Wabash Avenue, east of Redlands.

Reference point—Top of nipple on 1/2-inch pipe set on concrete slab on top of casing, at ground.

Elevation of reference point—1825, from Met. W. D. topog. by D. W. R.

Use—Not used.

Depth of well—350 feet.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. 809; W. S. P. 142, No. 16, Redlands; Location No. 18165.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1931—Cont.	
April 10.....	257.8	Sept. 1.....	258.4	Nov. 22.....	260.6
June 15.....	257.2	Oct. 3.....	259.2		

Measurements from P. E. Hicks.

E-125-H-30, W. N. MOORE. MAP 7

Location and description—0.39 miles northwesterly along State Highway from intersection with Wabash Avenue (produced south), and 325 feet north of State Highway, east of Redlands.

Reference point—Top of casing, 1.2 feet below ground

Elevation of reference point—1743.9, from levels by P. E. Hicks.

Use—Not used.

Depth of well—300 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks No. R-23; Location No. 18156.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—	*152.0	1927—Cont.		1930—	
		May 3—	202.6	April 9—	197.6
1926—		Oct. 6—	199.8		
May 17—	*208.6	1928—		1931—	
Oct. 7—	*207.5	May 1—	196.9	May 6—	195.9
		Oct. 8—	197.0	Oct. 12—	195.9
1927—		1929—			
Jan. 6—	206.8	May 3—	196.8		
Feb. 2—	*207.5				
Mar. 22—	*206.9				

* Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-126-I-30, JOSEPHINE AUSTIN. MAP 8

Location and description—20 feet north of Live Oak Canyon Road, 1.2 miles east along Live Oak Canyon Road from San Timoteo Canyon Road, southeast of Redlands.

Reference point—Top of casing, at ground.

Elevation of reference point—1674.5, from levels by P. E. Hicks.

Use—Domestic.

Depth of well—150 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks No. Y-51; State Div. E. and I. No. 124, Redlands Quad.; Location No. 18149.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1926—		1928—	
April 15—	53.0	Dec. 8—	53.4	Oct. 3—	53.6
Oct. 4—	53.0				
1925—		1927—		1929—	
Aug. 10—	52.2	May 3—	53.4	April 18—	53.4
		Oct. 8—	53.4		

Measurements from P. E. Hicks.

E-127-H-31, G. W. ROYCE (FORMERLY R. P. McINTOSH). MAP 7

Location and description—125 feet south of Lugonia Avenue, 0.24 miles east of Sapphire Avenue, east of Mentone.

Reference point—Top of wood curb, south side, at ground, to and including August 24, 1923; then, top of casing, at ground.

Elevation of reference point—1907.0, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—103 feet until 1924, then, 280 feet.

Diameter of casing—16 inches.

Other numbers used—W. S. P. 468, No. 112; W. S. P. 142, No. 7, Redlands; State Div. E. and I. No. 42, Redlands Quad.; P. E. Hicks No. 901; Location No. 18192.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900— Oct.	92.0	1917— May 19.....	68.4	1927— Aug. 27.....	60.7
1904— Oct.	78.0	1920— Aug. 25.....	71.8	Nov. 4.....	65.2
1906— Oct.	57.0	Oct. 29.....	69.8	Dec. 22.....	66.5
1909— Oct. 15-17.....	66.3	1921— Mar. 3.....	71.6	1928— Dec. 29.....	*88.6
1912— Oct. 16-18.....	71.5	May 16.....	71.4	1929— April 15.....	83.7
1914— Oct. 27.....	62.9	July 14.....	81.0	1930— Feb. 28.....	91.9
1915— May 27.....	66.9	Sept. 29.....	73.2	May 8.....	*88.3
Nov. 1.....	63.9	1922— Mar. 22.....	76.2	June 10.....	85.1
1916— June 7.....	64.4	June 2.....	67.7	July 28.....	75.3
Nov. 16.....	64.2	Aug. 19.....	60.9	1931— April 10.....	*79.7
		Sept. 15.....	60.7	May 14.....	*77.5
		Oct. 28.....	82.0	Sept. 1.....	*85.8
		1923— Mar. 22.....	63.6	Oct. 3.....	*89.6
		May 22.....	59.9	Dec. 12.....	*92.9
		Aug. 24.....	67.1		

* Measurement from P. E. Hicks.

Measurements from United States Geological Survey (Water Supply Paper 468 and unpublished records) except as noted.

E-127a-H-31, W. J. TENCH. MAP 7

Location and description—30 feet south of Lugonia Avenue, 0.24 miles west of Crafton Avenue, Mentone. East of reservoir.

Reference point—Top of concrete curb, at ground, to and including December 29, 1928; then top of 10-inch I beams, 0.9 feet above ground.

Elevation of reference point—1724.1, to and including December 29, 1928; then, 1724.8; from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—307 feet.

Diameter of casing—20-inch casing in bottom of 190 foot 4' x 6' pit.

Other numbers used—W. S. P. 142, No. 14, Redlands; State Div. E. and I. No. 81, Redlands Quad.; P. E. Hicks, No. 803; Location No. 18172.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900.....	*160	1928— Dec. 29.....	131.3	1931— April 10.....	155.9
1926— April 21.....	*155	1930— May 8.....	157.0	May 14.....	155.3
1927— Dec. 22.....	136.7			July 8.....	170.6
				Oct. 3.....	168.1
				Dec. 12.....	158.7

* Measurement from Water Supply Paper 142.

* Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-127b-G-31, ORANGE GROVE INVESTMENT COMPANY. MAP 7

Log Available

Location and description—0.54 miles north of Lugonia Avenue, 50 feet east of Crafton Avenue, Mentone, East well.

Reference point—Top of air line hole in pump base, 1 foot above ground.

Elevation of reference point—1765.7, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—401 feet.

Diameter of casing—24 inches.

Other numbers used—P. E. Hicks, No. 800, Location No. 18172A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 9.....	225.5	1931— April 10..... Oct. 3.....	218.1 230.2	1931—Cont. Nov. 21..... Dec. 12.....	227.5 225.9

Measurements from P. E. Hicks.

E-127d-H-31, C. H. LEMBERGER. MAP 7

Location and description—75 feet south of Colton Avenue, 10 feet west of Sapphire Avenue, south-east of Mentone.

Reference point—Top of pump base at air line hole, at ground.

Elevation of reference point—1836.2, from levels by P. E. Hicks.

Use—Irrigation.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks No. 903; Location No. 18183.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931— April 11.....	89.9	1931—Cont. Oct. 3.....	90.2	1931—Cont. Nov. 12.....	90.3

Measurements from P. E. Hicks.

E-128-H-31, KING STREET MUTUAL WATER COMPANY. MAP 7

Log Available

Location and description—0.24 miles north of Citrus Avenue, 0.26 miles west of Crafton Avenue, west side of King Street, south of Mentone.

Reference point—Air line hole in top of pump base, at ground.

Elevation of reference point—1710.5, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—246 feet.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks, No. 808; Location No. 18174.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— May 8.....	100.1	1931— April 10..... May 14.....	101.5 104.3	1931—Cont. Nov. 21..... Dec. 12.....	118.4 115.2

Measurements from P. E. Hicks.

E-129-I-31, MRS. CADDIE COOK (FORMERLY DUNLAP RANCH). MAP 7

Location and description—200 feet east of 16th Street, 100 feet north of State Highway, west of Yucaipa.

Reference point—Top of casing, at ground.

Elevation of reference point—2077.9, from levels by P. E. Hicks.

Use—Not used.

Depth of well—142 feet.

Diameter of casing—7 inches.

Other numbers used—P. E. Hicks No. Y-85; W. S. P. 142, No. 21, Redlands; Location No. 18197A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1900-----	*Flow log	1928—		1930—	
		April 25-----	39.4	April 9-----	52.0
1926—		Oct. 6-----	58.6		
Dec. 11-----	31.7	1929—		1931—	
		May 3-----	38.9	April 4-----	59.6
1927—		Oct. 12-----	66.3		
Feb. 1-----	28.9				
Oct. 6-----	51.1				

* From United States Geological Survey (Water Supply Paper 142).

Measurements from P. E. Hicks except as noted.

E-129b-I-31, C. H. SUGG. MAP 7

Location and description—30 feet north of State Highway, 0.12 miles west of intersection of West Yucaipa Boulevard, west of Yucaipa. 3-foot dug pit.

Reference point—Top of corrugated casing, 2.1 feet above ground.

Elevation of reference point—2026.7, from levels by P. E. Hicks.

Use—Not used.

Depth of well—12 feet.

Other numbers used—P. E. Hicks No. Y-100; Location No. 18177.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1928—		1931—	
Jan. 12-----	8.5	Oct. 8-----	9.0	Oct. 12-----	11.5
June 2-----	*8.1				
Oct. 6-----	8.5	1929—			
		May 3-----	9.1		

* Measurement from W. P. Rowe.

Measurement from P. E. Hicks except as noted.

E-130-I-31, LOWER YUCAIPA WATER COMPANY. MAP 8

Location and description—500 feet north of Live Oak Canyon Road, 1.3 miles southeast of State Highway near center line of Section 8, T. 2S., R. 2W., S. B. B. & M., southeast of Redlands.

Reference point—Ground surface.

Elevation of reference point—1909.2, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—210 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks No. Y-46; State Div. E. and I. No. 56, Redlands Quad.; Location No. 18188.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1927—		1929—	
April 15-----	17.0	Jan. 27-----	18.8	April 19-----	19.1
		May 3-----	18.6		
1924—		Oct. 8-----	19.3	1931—	
Sept. 17-----	17.0			May 6-----	19.8
		1928—			
1926—		Oct. 3-----	19.6		
May 18-----	*18.2				

* Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-130a-1-31, W. C. COOK. MAP 8

Location and description—200 feet south of Live Oak Canyon Road at Live Oak Creek crossing, 1.9 miles southeast of State Highway, southeast of Redlands.

Reference point—Top of concrete pump base, at ground.

Elevation of reference point—1832.2, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—142 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks No. Y-47; Location No. 18179.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1927—		1929—	
April 15.....	*36.0	Jan. 27.....	38.5	April 19.....	38.7
May 18.....	*32.8	May 3.....	38.2		
July 26.....	*35.9				
Oct. 6.....	*36.9	1928—			
		Oct. 3.....	39.9		

* Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-131-H-31, ROCKY COMFORT MUTUAL WATER COMPANY (FORMERLY L. E. PATCH). MAP 7

Location and description—100 feet south of Mill Creek Road, 0.54 miles east of Garnet Street, east of Mentone. Pit.

Reference point—Top of north side of wood curb, 0.5 feet above ground.

Elevation of reference point—2119.7, from levels by P. E. Hicks.

Use—Not used.

Depth of well—35 feet.

Other numbers used—U. S. G. S. unpublished "S" well; State Div. E. and I, No. 82, Redlands Quad.; P. E. Hicks, No. 909; Location No. 18202.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1925—		1929—	
Sept. 29.....	27.2	May 26.....	Dry 35	April 15.....	34.5
1922—		Oct. 27.....	Dry 35		
Mar. 22.....	13.5	1926—		1930—	
June 2.....	9.8	May 10.....	7.1	Feb. 28.....	Dry 35
Aug. 19.....	12.5			June 10.....	7.9
Oct. 25.....	15.2	1927—		July 26.....	21.9
1923—		Aug. 27.....	17.2	1931—	
Mar. 22.....	3.3	Nov. 4.....	24.5	Feb. 18.....	32.8
May 22.....	12.2	Dec. 22.....	11.0	April 11.....	*21.0
Nov. 20.....	21.7	1928—		May 14.....	*26.0
1924—		Mar. 16.....	4.9	June 10.....	33.3
Nov. 17.....	Dry 35	May 15.....	21.4	Nov. 19.....	Dry 35

* Measurement from P. E. Hicks.

Measurements from United States Geological Survey except as noted.

E-131e-11-32, F. FARROW. MAP 7

Location and description—30 feet south of Mill Creek Road, 0.94 miles east of Garnet Street, east of Mentone. Pit and tunnel.

Reference point—Bottom of 6-inch timber under pump base at top of concrete pit, 0.9 feet above ground.

Elevation of reference point—2198.5, from levels by P. E. Hicks.

Use—Irrigation and domestic.

Depth of well—87 feet.

Other numbers used—P. E. Hicks No. 911; Location No. 18212B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1931—Cont.	
April 11.....	24.3	Nov. 21.....	46.3	Dec. 12.....	41.6
June 15.....	32.8				

Measurements from P. E. Hicks.

E-131f-G-31, GREENSPOT MUTUAL WELL COMPANY. MAP 7

Log Available

Location and description—2100 feet north of Newport Avenue, 150 feet west of Peppers Road (private road), northeast of Mentone.

Reference point—Top of hole through pump base, 1.5 feet above ground.

Elevation of reference point—2100, from Met. W. D. topog. by D. W. R.

Use—Irrigation.

Depth of well—160 feet.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks No. 914; Location No. 18201.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1931—		1931—Cont.	
Dec. 29.....	28.0	May 14.....	48.0	Sept. 1.....	^b 100.8
		June 15.....	53.1	Oct. 3.....	^c 103.2
1928—		July 8.....	^a 101.4	Dec. 12.....	58.9
Dec. 29.....	33.6				

^a Pumping to box.

^b Pumping to reservoir 40 feet.

^c Pumping to reservoir above pump.

Measurements from P. E. Hicks.

E-132-I-31, JOHN E. LARSON (FORMERLY DUNLAP TEST WELL). MAP 7

Location and description—30 feet south of Yucaipa Boulevard, 0.1 miles west of 12th Street, west of Yucaipa.

Reference point—Top of casing, 0.6 feet above ground.

Elevation of reference point—2131.8, from levels by P. E. Hicks.

Use—Not used.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. Y-88; State Div. E. and f. No. 39, Redlands Quad.; Location No. 18206.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1919—		1927—		1929—	
Dec. 2.....	^a 44	Jan. 6.....	72.9	Feb. 2.....	83.2
		Mar. 1.....	71.1	April 19.....	81.3
1921—		May 2.....	69.6	Sept. 6.....	96.0
April 14.....	45.8	July 1.....	85.0	Nov. 4.....	94.7
Oct. 3.....	50.1	Aug. 1.....	86.6		
		Oct. 6.....	88.4	1930—	
1924—		Nov. 1.....	81.1	Jan. 1.....	93.1
Sept. 15.....	66.5			Mar. 5.....	90.2
		1928—		June 3.....	92.0
1925—		Jan. 12.....	76.9	Aug. 4.....	99.5
Aug. 12.....	73.6	Feb. 7.....	75.9	Oct. 4.....	99.0
		April 9.....	75.0		
1926—		Oct. 6.....	91.9	1931—	
Mar. 13.....	67.0	Dec. 7.....	85.3	Jan. 9.....	96.2
Aug. 13.....	79.3			Mar. 6.....	95.2
Dec. 2.....	74.8			April 4.....	94.9
				June 5.....	98.1
				July 6.....	100.3
				Sept. 9.....	102.4
				Dec. 8.....	99.2

^a Measurement from Division of Water Resources.

Measurements from P. E. Hicks except as noted.

E-133-I-31, WESTERN HEIGHTS WATER COMPANY, NO. 5. MAP 7

Location and description—60 feet south of Avenue F, 0.1 mile west of 12th Street, west of Yucaipa.
Reference point—Top of casing, 1.8 feet above ground, to and including December 5, 1927, then, top of pump base, 0.8 feet above ground.

Elevation of reference point—2098.8, to and including December 5, 1927, then, 2097.8; from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—788 feet.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. Y-86, State Div. E. and I. No. 125, Redlands Quad.; Location No. 18217.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1930—	
Dec. 2.....	43.3	Feb. 7.....	43.3	April 30.....	66.8
		April 9.....	41.6		
1927—		April 25.....	51.9	1931—	
Feb. 1.....	38.0	Oct. 6.....	73.5	April 4.....	72.2
May 2.....	34.4	Dec. 7.....	59.1		
June 1.....	51.7				
July 1.....	61.8	1929—			
Sept. 1.....	69.8	Jan. 7.....	55.5		
Oct. 6.....	52.2	Mar. 2.....	51.3		
Dec. 5.....	48.9	Nov. 4.....	80.0		

Measurements from P. E. Hicks.

E-136-I-32, S. BAUMANN. MAP 8

Location and description—200 feet north of State Highway, 0.1 miles northwest of Avenue G, 1200 feet west of 7th Place, Yucaipa.

Reference point—Floor of pump house, at ground.

Elevation of reference point—2293.8, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—190 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks No. Y-31; Location No. 18228.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
May 2.....	46.4	Feb. 8.....	59.7	Feb. 7.....	62.8
June 3.....	50.8	April 19.....	55.8	May 6.....	60.2
Sept. 3.....	58.9	Sept. 19.....	68.8	June 5.....	61.6
Oct. 4.....	60.1			Sept. 9.....	67.7
Dec. 5.....	56.8	1930—		Nov. 9.....	66.3
1928—		Jan. 7.....	60.8		
Feb. 7.....	53.0	Mar. 5.....	60.3		
April 3.....	50.4	Sept. 3.....	67.2		
Sept. 6.....	65.2	Oct. 4.....	68.6		
Oct. 8.....	66.0	Dec. 2.....	65.4		
Dec. 6.....	62.9				

Measurements from P. E. Hicks.

E-136a-I-32, WALLACE BARKLEY. MAP 8

Location and description—0.9 miles west of State Highway, on south line of County Line Road, 850 feet south of Riverside County line, southwest of Yucaipa. South of road, in large galvanized iron pump house.

Reference point—Top of concrete floor, at ground.

Elevation of reference point—2301.2, from levels by P. E. Hicks.

Use—Irrigation.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks, No. Y-30; State Div. E. and I. No. 38, Redlands Quad.; Location No. 18229.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1919—		1928—		1930—	
Sept. 26.....	97.0	Feb. 3.....	88.9	Jan. 7.....	96.4
1926—		April 25.....	87.4	Feb. 3.....	95.9
Dec. 6.....	87.1	June 4.....	89.8	Oct. 4.....	98.8
1927—		Oct. 6.....	94.6	1931—	
Jan. 31.....	85.6	Nov. 2.....	95.0	Mar. 6.....	99.3
April 2.....	84.1	1929—			
May 3.....	83.6	Jan. 7.....	94.0		
Sept. 1.....	90.4	April 18.....	92.0		
Oct. 7.....	90.8	Sept. 6.....	96.9		
Dec. 5.....	90.0	Nov. 4.....	97.5		

* Measurement from Division of Water Resources.
Measurements from P. E. Hicks, except as noted.

E-136c-I-32, YUCAIPA WATER COMPANY, NO. 1—WELL NO. 5. MAP 8

Location and description—0.4 miles west of State Highway, 175 feet south of Riverside County Line and 70 feet north of County Line Road, southwest of Yucaipa. 75 feet south of Well No. 10.

Reference point—Top of concrete pump house floor, at ground.

Elevation of reference point—2360.1, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—330 feet.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks No. Y-5; Location No. 18229B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1930—	
Dec. 3.....	118.3	Feb. 3.....	120.1	Jan. 7.....	130.1
1927—		April 25.....	116.7	Mar. 5.....	126.5
May 1.....	111.9	Oct. 6.....	145.6	Oct. 4.....	140.9
Oct. 7.....	136.8	Dec. 6.....	131.4	Dec. 2.....	132.9
Nov. 1.....	135.1	1929—		1931—	
Dec. 31.....	122.4	Jan. 7.....	129.0	Jan. 9.....	130.6
		April 19.....	122.4	Mar. 6.....	128.0
		Oct. 12.....	139.0	May 7.....	126.5
		Dec. 6.....	132.3	June 5.....	130.0
				Sept. 9.....	137.8
				Dec. 8.....	132.8

Measurements from P. E. Hicks.

E-136f-I-32, YUCAIPA LITTLE FARMS COMPANY (FORMERLY L. G. COBB). MAP 7

Location and description—0.06 miles south of Avenue E, 30 feet west of Sixth Street, Yucaipa.

Reference point—Top of 1 beam under pump, 0.3 feet above ground.

Elevation of reference point—2424.7, from levels by P. E. Hicks.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks, No. Y-97; Location No. 18237A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926— Dec. 17.....	167.6	1928— Jan. 12.....	173.4	1930— April 30.....	175.4
		April 3.....	166.7		
1927— May 2.....	163.0	June 2.....	174.0	1931— April 4.....	177.3
Nov. 1.....	173.4	Aug. 4.....	181.8	Sept. 9.....	189.1
		Nov. 2.....	180.6		
		1929— Jan. 7.....	175.0		
		April 19.....	171.6		

Measurements from P. E. Hicks.

E-136i-I-32, SOUTH MESA WATER COMPANY, NO. 11. MAP 8

Location and description—150 feet west of State Highway, 10 feet south of County Line Road, south-west of Yucaipa.

Reference point—Top of floor, at ground.

Elevation of reference point—2392.6, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—443 feet.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks, No. Y-11; Location No. 18239A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926— Dec. 3.....	147.6	1928— Feb. 3.....	148.8	1930— Feb. 18.....	156.3
		Sept. 29.....	178.8	April 30.....	153.4
1927— Jan. 31.....	144.2	Dec. 6.....	159.9		
May 1.....	140.8	1929—		1931— Jan. 9.....	159.2
Oct. 7.....	164.0	Feb. 8.....	154.6	April 4.....	155.6
Dec. 31.....	151.1	April 19.....	151.0	May 7.....	157.0
		Dec. 1.....	161.0	Nov. 9.....	162.0

Measurements from P. E. Hicks.

E-137-H-32, R. R. ELLIOT. MAP 7

Location and description—25 feet south of Oak Glen Road, 0.51 miles west of Second Avenue, Yucaipa.

Reference point—Top of concrete pump base, at ground.

Elevation of reference point—2653.5, from levels by P. E. Hicks.

Use—Not used.

Depth of well—265 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks, No. Y-34, State Div. E. and I. No. 52, Redlands Quad.; Location No. 18255.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1923— July	*180	1927— Jan. 19.....	198.2	1929— May 3	205.2
		Mar. 22.....	^b 192.5		
1925— July	*150	May 2.....	199.5	1931— April 4.....	213.0
		Oct. 6.....	200.5	Oct. 12.....	214.7
1926— Mar. 18.....	^b 180.0	1928— April 25.....	200.7		
		Oct. 6.....	203.3		

* Measurement by owner.

^b Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-138-I-32, YUCAIPA WATER COMPANY, NO. 12. MAP 8

Log Available

Location and description—15 feet north of Avenue F and 600 feet west of Fifth Street, Yucaipa.

Reference point—Top of concrete floor, at ground.

Elevation of reference point—2419.8, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—464 feet.

Diameter of casing—16 inches.

Other numbers used—State Div. E. and I. No. 35, Redlands Quad.; P. E. Hicks, No. Y-12; Location No. 18248.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926— Feb. 20.....	*156.7	1928— Jan. 2.....	167.0	1930— April 3.....	171.1
April 23.....	*154.6	April 25.....	163.5	Nov. 5.....	180.7
Dec. 11.....	164.9	Oct. 6.....	181.2		
		Dec. 7.....	174.8	1931— Mar. 6.....	174.3
1927— Mar. 22.....	*150.5	1929— Jan. 7.....	173.2	April 4.....	173.3
April 28.....	*158.5	April 19.....	168.5	Sept. 9.....	182.8
Oct. 6.....	173.8	Dec. 6.....	177.4		

* Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-138b-I-32, SOUTH MESA WATER COMPANY, NO. 6. MAP 8

Location and description—200 feet north of Avenue H and 40 feet east of Fourth Street extended, Yucaipa

Reference point—Top of concrete floor, at ground

Elevation of reference point—2471.3, from levels by P. E. Hicks.

Use—Irrigation

Depth of well—406 feet

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks, No. Y-6; Location No. 18248B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1930—	
Dec. 6.	211.8	Jan. 28.	214.6	April 30.	219.4
		Oct. 6.	227.6	Oct. 4.	240.6
1927—		Dec. 6.	222.5		
Jan. 31.	209.0			1931—	
May 1.	205.4	1929—		April 4.	224.3
Oct. 7.	220.6	Jan. 7.	220.3	Oct. 12.	228.4
		April 19.	216.4		
		Dec. 6.	224.9		

Measurements from P. E. Hicks.

E-138f-I-33, SOUTH MESA WATER COMPANY, NO. 3. MAP 8

Log Available

Location and description—280 feet south of Avenue H and 80 feet east of Second Avenue, Yucaipa.

Reference point—Top of concrete floor, at ground.

Elevation of reference point—2623.2, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—535 feet.

Diameter of casing—16 inches.

Other numbers used—State Div. E. and I. No. 37, Redlands Quad.; P. E. Hicks, No. Y-3, Location No. 18268.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1911—		1927—		1929—	
Dec.	^a 343.8	Jan. 6.	337.7	Jan. 1.	346.3
		Oct. 6.	340.4	April 19.	346.6
1922—		1928—			
Spring.	^a 340.0	April 23.	342.8		
		Oct. 6.	344.9		

^a Measurement from Division of Water Resources.

Measurements from P. E. Hicks except as noted.

E-139-H-32, TRIPLE FALLS WATER COMPANY, NO. 2. MAP 7

Location and description—0.23 miles north of Carter Street, 20 feet west of Second Avenue, Yucaipa.

Reference point—Floor of pump house, at ground

Elevation of reference point—2842.1, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—650 feet.

Diameter of casing—16 inches

Other numbers used—P. E. Hicks, No. Y-29; State Div. E. and I. No. 30, Redlands Quad.; Location No. 18263.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1927—		1929—	
April.	^a 227.0	Mar. 22.	234.2	May 3.	244.0
		May 2.	233.7		
1926—		Oct. 6.	239.0	1931—	
Mar. 23.	^b 230.5			Nov. 12.	269.2
Dec. 3.	234.3	1928—			
		April 25.	237.7		
		Oct. 6.	247.2		

^a Measurement from Anderson.

^b Measurement from Division of Water Resources.

Measurements from P. E. Hicks and W. P. Rowe except as noted.

E-139a-H-33, SECTION 30 MUTUAL WATER COMPANY. MAP 7

Log Available

Location and description—0.37 miles south of Carter Street, 40 feet east of Second Avenue, Yucaipa.
Reference point—Top of concrete pump base, at ground.
Elevation of reference point—2816.9, from levels by P. E. Hicks.
Use—Irrigation.
Depth of well—420 feet.
Diameter of casing—16 inches.
Other numbers used—P. E. Hicks No. Y-28; State Div. E. and I. No. 31, Redlands Quad; Location No. 18264.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921— April 14.....	204 0	1927— Mar. 22.....	*213.0	1929— May 3.....	223 2
		May 2.....	212.7		
1926— Mar. 17.....	*208 0	Oct. 6.....	227.5	1930— April 30.....	233 4
Dec. 3.....	215.7	1928— April 25.....	219.3	Oct. 12.....	255 7
		Oct. 6.....	237.9		

* Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-139c-H-33, O. EVANS (FORMERLY PAUL BENOIT). MAP 7

Location and description—300 feet north of Oak Glen Road, 0.1 miles east of Sixth Avenue, Yucaipa.
In middle of reservoir.
Reference point—Top of casing, 2.9 feet above ground.
Elevation of reference point—2948.4, from levels by P. E. Hicks.
Use—Abandoned.
Depth of well—500 feet.
Diameter of casing—10 inches.
Other numbers used—P. E. Hicks, No. Y-37; Location No. 18274.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926— May 18.....	*432.7	1928— April 25.....	439 3	1929— May 3.....	445 3
		Oct. 6.....	443 4		
1927— Mar. 18.....	*437 5				
Oct. 6.....	439.8				

* Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-140-H-33, G. A. ATWOOD. MAP 7

Location and description—50 feet north of Glen Road, 0.45 miles east of Tenth Avenue, east of Yucaipa.
Reference point—Top of casing, 1 foot above ground.
Elevation of reference point—3107.7, from levels by P. E. Hicks.
Use—Irrigation.
Diameter of casing—16 inches.
Other numbers used—P. E. Hicks, No. Y-40; Location No. 18285A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927— April 19.....	46.6	1929— May 3.....	53.9	1931— April 4.....	55.6
Oct. 6.....	46.8			Oct. 12.....	64.2
1928— April 25.....	52.3	1930— May 2.....	55.2		
May 3.....	63.5				

Measurements from P. E. Hicks.

E-140c-11-33, YUCAIPA WATER COMPANY, NO. 1—TURNER RANCH WELL. MAP 7

Log Available

Location and description—0.15 miles south of Oak Glen Road, 1.10 miles east of Tenth Avenue, east of Yucaipa. South-east corner of reservoir.

Reference point—Top of floor, at ground.

Elevation of reference point—3338.3, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—160 feet.

Diameter of casing—20 inches.

Other numbers used—P. E. Hicks, No. Y-22, State Div. E. and I. No. 40, Redlands Quad.; Location No. 18295.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1928—		1930—	
May 5.....	^a 6 0	April 25.....	19 1	May 2.....	23 8
		Oct. 6.....	28 3		
1926—		1929—		1931—	
Mar. 21.....	^a 44 6	May 3.....	19 7	April 4.....	28 1
				Oct. 12.....	27 3
1927—					
Mar. 22.....	^b 10 0				
Oct. 6.....	21 3				

^a Measurement from Division Water Resources.

^b Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-141-I-33, YUCAIPA WATER COMPANY, NO. 1—WELL NO. 9. MAP 8

Log Available

Location and description—70 feet south of Avenue F and 0.15 miles east of Tenth Avenue. In Hog Canyon, southeast of Yucaipa.

Reference point—Top of casing, at ground.

Elevation of reference point—2812.6, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—145 feet.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks, No. Y-23; State Div. E. and I., No. 41, Redlands Quad.; Location No. 18288.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1930—	
May 6.....	^a 61 3	April 23.....	57 9	April 30.....	61 6
Oct. 4.....	^a 64 0	Oct. 6.....	58 0	Oct. 12.....	61 2
1927—		1929—			
Jan. 31.....	56 9	May 3.....	60 4		
April 15.....	58 3				
Dec. 30.....	54 4				

^a Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-145b-1-34, BEAUMONT IRRIGATION DISTRICT, NO. 20. MAP 7

Log Available

Location and description—6700 feet north along Oak Glen Road from junction with Hog Canyon, 50 feet southwest of road, north of Beaumont.

Reference point—At ground.

Elevation of reference point—4291.2, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—153 feet.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks, No. B-20; Location No. 18347.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927— April 30.....	9.4	1929— April 16.....	11.7	1930— April 9.....	11.9
1928— April 26.....	11.7				
Dec. 28.....	10.3				

Measurements from P. E. Hicks.

E-146-1-34, BEAUMONT IRRIGATION DISTRICT NO. 6. MAP 8

Location and description—400 feet east of Oak Glen Road, 550 feet north of Hog Canyon Road, 600 feet northwest of circular concrete reservoir, west side of creek, north of Beaumont.

Reference point—Floor of pump house, at ground.

Elevation of reference point—3643.7, from levels by P. E. Hicks.

Use—Irrigation.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks No. B-6; Location No. 18338.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927— Jan. 24.....	79.7	1928— April 26.....	*14.0	1929— April 16.....	45.0
April 6.....	25.6	Dec. 4.....	82.0	1930— April 9.....	83.4
April 30.....	14.0				
Oct. 5.....	103.2				

* Pump running.

Measurements from P. E. Hicks.

E-147b-K-21, ANAHEIM UNION WATER COMPANY. MAP 5

Location and description—0.5 miles north of A. T. & S F. Ry. and 40 feet east of Yorba Street, Prado. Lone casing 120 feet south of 24-inch well.

Reference point—Top of casing, west side, 1.5 feet above ground.

Elevation of reference point—493.6, from levels by G. K. Sanborn.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—O. Co. F. C. D. No. P-46; Bailey No. 3716D; Location No. 16789B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— June 23.....	4.2	1931— Feb. 9.....	4.1	1932— Jan. 3.....	*5.3
Aug. 21.....	5.2	May 21.....	5.4	Jan. 29.....	*5.9
Sept. 25.....	7.0	June 30.....	*6.1		
Dec. 9.....	5.2	Aug. 26.....	7.1		
		Oct. 22.....	6.7		
		Dec. 1.....	*6.3		

* Measurement from Riverside County Land Owners Association.

Measurements from Orange County Flood Control District except as noted.

E-147c-L-21, MR. HOLCOMB. MAP 5

Location and description—1000 feet north of A T & S F Ry. and 900 feet east of Yorba Street Prado.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—502.7, from levels by G. K. Sanborn.

Use—Irrigation.

Diameter of casing—7 inches.

Other numbers used—Bailey No. 3721D, Location No. 16789C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Oct. 23.....	6.8	Mar. 24.....	5.9	Jan. 3.....	7.3
Nov. 13.....	7.0	June 30.....	8.8	Jan. 29.....	8.3
		July 31.....	9.3		
		Sept. 17.....	10.1		
		Nov. 16.....	9.4		
		Dec. 17.....	8.1		

Measurements from Riverside County Land Owners Association.

E-148-K-22, ANAHEIM UNION WATER COMPANY (FORMERLY MR. LE GAYE). MAP 5

Location and description—On top of hill, 0.45 miles northwest of Croydon Street, on line of Rincon Street, produced, 0.12 miles south of ranch road, northwest of Corona.

Reference point—Top of casing, at ground.

Elevation of reference point—615.5, from levels by G. K. Sanborn.

Use—Domestic.

Depth of well—160 feet.

Diameter of casing—6 inches.

Other numbers used—Bailey No. 3715B, Location No. 16799.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1931—	
July 19.....	*106.0	Dec. 16.....	*111.3	April 30.....	113.7
1924—		1930—		Oct. 17.....	115.4
Oct. 31.....	*111.3	Nov. 22.....	113.7	Dec. 17.....	115.7
1925—				1932—	
Sept. 29.....	*112.1			Jan. 29.....	115.4

* Measurement from Division of Water Resources.

Measurements from Riverside County Land Owners Association except as noted.

E-149d-K-22, NORTH CORONA LAND COMPANY. MAP 5

Location and description—0.2 miles south of Fourth Street, 450 feet west of Croydon Avenue, 800 feet southeast of Orange Heights No. 2, Norco.

Reference point—Top of casing, at ground.

Elevation of reference point—570.7, from levels by G. K. Sanborn.

Use—Not used.

Depth of well—145 feet.

Diameter of casing—20 inches.

Other numbers used—Bailey No. 3711E; Location No. 16817C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931— Cont.		1932—	
Mar. 27.....	49.9	Aug. 2.....	*54.0	Jan. 29.....	49.8
April 27.....	51.7	Nov. 2.....	*52.5		
May 16.....	*52.1	Dec. 1.....	51.6		
June 30.....	*53.0				

* Orange Heights No. 2 pumping.

Measurements from Riverside Company Land Owners Association.

E-149i-K-22, NORTH CORONA LAND COMPANY, NO. 5. MAP 5

Log Available

Location and description—350 feet north of Bluff Street and 275 feet west of Pine Avenue, Norco.
6 feet east of abandoned 12-inch well

Reference point—Top of concrete floor, at ground.

Elevation of reference point—587.9, from levels by G. K. Sanborn.

Use—Irrigation.

Depth of well—168 feet.

Diameter of casing—26 inches.

Other numbers used—Bailey No. 3711A, Location No. 16817H.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— July 19.....	*55.0	1925— Oct. 2.....	*55.7	1931— April 1.....	55.5
1924— Oct. 30.....	*56.0	1927— Dec. 16.....	*54.7	Dec. 2.....	55.8
				1932— Jan. 29.....	55.6

* Measurement from Division of Water Resources.

Measurements from Riverside County Land Owners Association except as noted.

E-150-K-22, JOHN BALDEN. MAP 5

Location and description—On hill 0.55 miles west of Croydon Street, 1000 feet south of Auburndale Road (River Street), northwest of Corona.

Reference point—Top of 2' x 6' at base of pump, 1 foot above ground.

Elevation of reference point—602.4, from levels by G. K. Sanborn.

Use—Domestic.

Depth of well—134 feet.

Diameter of casing—15 inches.

Other numbers used—Bailey No. 3710F; State Div. E. and I. No. 90, Corona Quad.; Location No. 16808.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— July 9.....	*88.0	1927— Dec. 17.....	*88.4	1931—Cont. Sept. 4.....	91.0
1924— Oct. 31.....	*88.6	1931— April 30.....	89.6	Nov. 2.....	90.2
1925— Sept. 29.....	*89.1	June 17.....	90.0	Dec. 17.....	89.7
				1932— Jan. 29.....	89.2

* Measurement from Division of Water Resources.

Measurements from Riverside County Land Owners Association except as noted.

E-150b-K-22, REX CLARK. MAP 5

Location and description—1400 feet southwest of Auburndale Road (River Street) and 50 feet northwest of Croydon Street, northwest of Corona.

Reference point—Top of casing, at ground.

Elevation of reference point—567.0, from levels by G. K. Sanborn.

Use—Not used.

Depth of well—211 feet.

Diameter of casing—10 inches.

Other numbers used—Bailey No. 3714A; Location No. 16818A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931— Mar. 24.....	49.6	1931—Cont. Oct. 2.....	52.7	1932— Jan. 29.....	49.9
June 2.....	51.0	Dec. 1.....	52.1		
Aug. 2.....	52.3				

Measurements from Riverside County Land Owners Association.

35—93350

E-151-K-22, MRS. LIVINGSTONE. MAP 5

Location and description—0.85 miles west of Smith Avenue, 150 feet north of Rincon Street, north-west of Corona.

Reference point—Southwest corner of top of 4" x 4" at top of curbing, 2.0 feet above ground.

Elevation of reference point—527.8, from levels by G. K. Sanborn

Use—Irrigation.

Depth of well—184 feet.

Diameter of casing—12 inches.

Other numbers used—Bailey No. 3715F; O. Co. F. C. D. No. P-9, Location No. 16809.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
May 9.....	13.4	Jan. 2.....	17.4	Oct. 22.....	23.7
July 31.....	16.3	Mar. 9.....	15.2	Nov. 16.....	23.9
Sept. 25.....	18.8	May 7.....	17.9	Dec. 17.....	*20.7
Nov. 20.....	19.7	June 24.....	21.0		
		Aug. 2.....	*22.9	1932—	
		Sept. 17.....	*23.9	Jan. 4.....	*19.2
				Jan. 29.....	*22.0

* Measurement from Riverside County Land Owners Association.

Measurements from Orange County Flood Control District except as noted.

E-151f-K-22, JOE GENO. MAP 5

Location and description—1500 feet southeast of Croydon Street and 2400 feet southwest of River Street (Auburndale Road), northwest of Corona.

Reference point—Top of wooden clamp, 2.2 feet above ground.

Elevation of reference point—555.2, from levels by G. K. Sanborn.

Use—Domestic.

Depth of well—37 feet.

Diameter of casing—2 inches.

Other numbers used—Bailey No. 3714B; Location No. 16819.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
April 30.....	31.9	Sept. 17.....	33.6	Jan. 4.....	32.7
June 2.....	32.2	Dec. 2.....	33.5		
Aug. 2.....	32.9				

Measurements from Riverside County Land Owners Association.

E-153-K-22, CHARLES ANDREWS. MAP 5

Location and description—400 feet south of Second Street, 250 feet west of Pacific Avenue, south of Norco. 3.5' x 4.5' pit, 29 feet deep.

Reference point—Top of 3" x 4" across pit, 0.7 feet above ground.

Elevation of reference point—590.7, from levels by G. K. Sanborn.

Use—Irrigation and domestic.

Depth of well—56 feet.

Diameter of casing—8 inches.

Other numbers used—Bailey No. 3713B, Location No. 16828A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1931—Cont.	
Mar. 27.....	31.7	July 1.....	32.2	Sept. 4.....	32.3

Measurements from Riverside County Land Owners Association.

E-156-K-23, NORTH CORONA LAND COMPANY. MAP 5

Location and description—250 feet south of Sixth Street, 200 feet west of Corona Avenue, Norco.

Reference point—Top of wooden clamp, 0.5 feet above ground.

Elevation of reference point—641.1, from levels by G. K. Sanborn.

Use—Domestic.

Depth of well—64 feet.

Other numbers used—Bailey No. 366A; State Div. E. and I. No. 85, Corona Quad.; Location No. 16856.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— July 18.....	*54.0	1925— Oct. 2.....	*50.8	1931— Mar. 25.....	52.6
1924— Nov. 1.....	*50.9	1927— Nov. 26.....	*50.4	June 3.....	52.7
				Sept. 4.....	52.9
				Dec. 2.....	52.9

* Measurement from Division of Water Resources.

Measurements from Riverside County Land Owners Association except as noted.

E-156b-K-23, H. L. CLARK. MAP 5

Location and description—80 feet north of Fifth Street, 300 feet west of Valley View Avenue, Norco.

Reference point—Top of casing, 3.0 feet above ground.

Elevation of reference point—629.6, from levels by G. K. Sanborn.

Use—Not used.

Depth of well—45 feet.

Diameter of casing—7 inches.

Other numbers used—Bailey No. 366B; Location No. 16856B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931— Mar. 5.....	42.7	1931—Cont. Sept. 4.....	43.0	1931—Cont. Dec. 2.....	43.0
June 3.....	42.0				

Measurements from Riverside County Land Owners Association.

E-157-K-23, MR. PARKS. MAP 5

Location and description—1250 feet south of Fourth Street, 450 feet east of Hamner Avenue, Norco.

Reference point—Top of casing, 2.5 feet above ground.

Elevation of reference point—611.2, from levels by G. K. Sanborn.

Use—Not used.

Depth of well—76 feet.

Diameter of casing—7 inches.

Other numbers used—Bailey No. 367A; Location No. 16847.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— July 18.....	*35.0	1925— Oct. 2.....	*31.5	1931— Mar. 25.....	34.9
1924— Oct. 31.....	*31.6	1927— Nov. 26.....	*32.7	June 3.....	35.1
				Sept. 4.....	35.1
				Dec. 2.....	35.2

* Measurement from Division of Water Resources.

Measurements from Riverside County Land Owners Association except as noted.

E-159-K-23, CHARLES JOHNSON. MAP 5

Location and description—90 feet east of Valley View Road, 0.19 miles north of First Street, $\frac{1}{4}$ mile east of Hammer Avenue, south of Norco.

Reference point—Top of casing, at ground.

Elevation of reference point—627.3, from levels by G. K. Sanborn.

Use—Not used.

Depth of well—65 feet.

Diameter of casing—8 inches.

Other numbers used—Bailey No. 3618A; Location No. 16849A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1931 Cont.	
April 1.....	55.9	Sept. 4.....	58.0	Dec. 2.....	57.9
July 1.....	56.6				

Measurements from Riverside County Land Owners Association.

E-165d-K-24, ALVORD MUTUAL WATER COMPANY NO. 1. MAP 8

Location and description—1200 feet northwest of Magnolia Avenue, 1700 feet southwest of Taylor Street, southwest of Arlington.

Reference point—Top of concrete pit, at ground.

Elevation of reference point—669.4, from levels by G. K. Sanborn.

Use—Irrigation.

Other numbers used—Bailey No. 3614E; Location No. 16919.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
Oct. 2.....	6.2	Nov. 30.....	5.1	Jan. 5.....	5.3
Nov. 3.....	6.9				

Measurements from Riverside County Land Owners Association.

E-169a-K-24, MRS. MARIE A. BRESSON. MAP 8

Location and description—1280 feet northeast of Polk Street and 675 feet southeast of Magnolia Avenue, 20 feet west of city limits, Arlington.

Reference point—Top of casing, 10 feet below ground, in pit, to and including May 27, 1921, then top of flange of suction, 9 feet below ground.

Elevation of reference point—722.2, to and including May 27, 1921; then, 723.2, from levels by G. K. Sanborn.

Use—Irrigation.

Depth of well—145 feet.

Diameter of casing—12 inches.

Other numbers used—Bailey No. 3613C; Gage Canal Co. No. A-20; Location No. 16939A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1931—		1932—	
Dec. 14.....	*3.8	Oct. 2.....	10.5	Jan. 5.....	8.6
		Nov. 3.....	9.8		
1921—		Dec. 2.....	9.2		
Jan. 6.....	*3.1				
Feb. 16.....	*2.8				
May 27.....	*2.8				

* Measurement from Gage Canal Company.

Measurements from Riverside County Land Owners Association except as noted.

E-169c-K-24, DALEY WATER COMPANY, INC., NO. 2. MAP 8

Location and description—1355 feet southeast of Magnolia Avenue and 1260 feet southwest of Polk Street, 25 feet northwest of Well No. 1, southwest of Arlington.
Reference point—Top of T. suction pipe, 3.1 feet above ground.
Elevation of reference point—712.1, from levels by G. K. Sanborn.
Use—Irrigation.
Depth of well—111 feet.
Diameter of casing—15 inches.
Other numbers used—Bailey No. 3613F; Location No. 16939C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931— Oct. 2.....	7.5	1931—Cont. Nov. 3.....	*18.0		

* Pumping
 Measurements from Riverside County Land Owners Association.

E-170-J-25, F. H. KOCHSMEIER. MAP 8

Location and description—60 feet south of Jurupa Avenue, 0.2 miles east of Van Buren Street, north of Arlington. Dug well, 5' x 5'.
Reference point—Top of 2' x 6' crosspiece over well under flooring, at ground.
Elevation of reference point—760, from aneroid by D. W. R.
Use—Domestic.
Depth of well—56 feet.
Other numbers used—G. K. Sanborn No. 1; Location No. 16953.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931— April 14.....	49.2	1931—Cont. Sept. 30.....	50.7	1932— Jan. 13.....	50.5
May 14.....	53.3	Oct. 7.....	51.4		
June 13.....	54.3	Nov. 23.....	51.9		
July 14.....	51.0	Dec. 26.....	50.8		
Aug. 15.....	51.5				

Measurements from Riverside Basin Water Users Council.

E-171-J-25, W. P. McCASKEY. MAP 8

Location and description—100 feet east of Van Buren Street, 0.1 miles south of Jurupa Avenue, north of Arlington. Dug well.
Reference point—Top of wooden platform over pit, at ground.
Elevation of reference point—744.2, from levels by Davidson and Fulmor.
Use—Domestic.
Depth of well—70 feet.
Other numbers used—Gage Canal Co. No. A-33; State Div. E. and I. No. 153, Elsinore Quad.; Location No. 16944.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920— Dec. 14.....	24.0	1922— Sept. 13.....	*21.8	1927— Dec. 20.....	*27.2
1921— Jan. 6.....	24.6	1925— Oct. 13.....	*29.0		
Feb. 15.....	25.1				
May 27.....	25.8				

* Measurement from Division of Water Resources.
 Measurements from Gage Canal Company except as noted.

E-172-J-25, F. H. GUYER. MAP 8

Location and description—180 feet north of Arlington Avenue, 400 feet east of Van Buren Street, Arlington. South of concrete reservoir.

Reference point—Top of 2' x 12' hanger on edge, to and including May 27, 1921, then, top of casing in center of pit, at ground.

Elevation of reference point—735, from aneroid by D. W. R.

Use—Irrigation and domestic.

Depth of well—30 feet.

Diameter of casing—6 inches.

Other numbers used—G. K. Sanborn No. 2; Gage Canal Co. No. A-31, Location No. 16945A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1931—		1931 Cont.	
Dec. 13-----	*6.2	April 14-----	5.3	Oct. 7-----	6.9
1921—		May 14-----	5.0	Nov. 23-----	6.6
Jan. 6-----	*6.3	Aug. 15-----	6.8	Dec. 26-----	7.9
Feb. 15-----	*6.1	Sept. 20-----	5.9		
May 27-----	*6.2			1932—	
				Jan. 13-----	6.5

* Measurement from Gage Canal Company.

Measurements from Riverside Basin Water Users Council except as noted.

E-172b-J-25, WILLIAM BUTCHER (FORMERLY G. J. JOHNSON). MAP 8

Location and description—40 feet north of Arlington Avenue and 40 feet east of intersection of Arlington Avenue and Monroe Street, Arlington.

Reference point—Top of 6' x 8' horizontal hanger, to and including May 27, 1921; then, top of 2' x 8' cross piece near air line on pump shaft, 0.5 feet above ground.

Elevation of reference point—745, from aneroid by D. W. R.

Use—Abandoned.

Depth of well—30 feet.

Diameter of casing—6 inches.

Other numbers used—Gage Canal Co. No. A-32; G. K. Sanborn No. 3, Location No. 16955A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1931—		1932—	
Dec. 13-----	*12.4	April 14-----	14.2	Jan. 13-----	15.5
1921—		July 14-----	13.4		
Jan. 6-----	*12.6	Oct. 7-----	15.3		
Feb. 15-----	*12.8				
May 27-----	*11.7				

* Measurements from Gage Canal Company.

Measurements from Riverside Basin Water Users Council except as noted.

E-173e-K-25, ARLINGTON MUTUAL WATER COMPANY, NO. 1. MAP 8

Location and description—1330 feet to 1803 6, feet southeast from center line of Monroe Street, and 415 feet northwest of center line of California Street, Arlington. 18 wells in open pit 4.3' x 473.6' 16 feet deep.

Reference point—Top of 10' x 10' on outside of pump house, at southeast corner, at ground.

Elevation of reference point—750.2, from levels by G. K. Sanborn.

Use—Not used.

Other numbers used—G. K. Sanborn No. 7; Bailey No. 356A; Location No. 16956.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
April 14-----	5.5	Sept. 20-----	6.4	Jan. 13-----	5.1
May 14-----	4.7	Nov. 3-----	4.7		
June 13-----	5.4	Dec. 26-----	5.3		

Measurements from Riverside County Land Owners Association.

NRE.—All casings are open and cut off at bottom of pit.

E-174-K-25, W. A. ERRINGTON. MAP 8

Location and description—105 feet southwest of Van Buren Street, 6 feet northwest of California Street, Arlington.

Reference point—Top of 2" x 6" vertical pump frame, 3 feet above ground, to and including May 27, 1921; then, top of cut in Pomona pump at air line, 0.5 feet above ground.

Elevation of reference point—765.5, to and including May 27, 1921; then, 763; from aneroid by D. W. R.

Use—Irrigation.

Depth of well—90 feet.

Diameter of casing—12 inches.

Other numbers used—G. K. Sanborn No. 8; Gage Canal Co. No. A-26; Location No. 16947.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920— Dec. 14.....	*14.3	1921— Jan. 6..... Feb. 15..... May 27.....	*14.4 *14.4 *14.3	1931— April 20..... May 14..... June 13..... Aug. 15.....	19.3 18.4 19.0 22.0

* Measurement from Gage Canal Company.

Measurements from Riverside Basin Water Users Council except as noted.

E-174e-K-25, A. HARRIS. MAP 8

Location and description—300 feet southwest of Jackson Street, 150 feet northwest of Magnolia Avenue, Arlington.

Reference point—Top of casing, level with concrete block, 1.4 feet above ground.

Elevation of reference point—734.6, from levels by Gage Canal Co.

Use—Domestic.

Depth of well—72 feet.

Diameter of casing—7 inches.

Other numbers used—Gage Canal Co. No. A-24; State Div. E. and I. No. 151, Elsinore Quad.; Location No. 16957B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920— Dec. 17.....	21.6	1922— Sept. 13.....	*21.5	1925— Oct. 13.....	*36.7
1921— Feb. 15.....	21.5	1924— Oct. 10.....	*37.3	1927— Dec. 20.....	*25.0

* Measurement from Division of Water Resources.

Measurements from Gage Canal Company except as noted.

E-175-K-24, CITIZENS DOMESTIC WATER COMPANY, NO. 1. MAP 8

Location and description—150 feet north of Hole Avenue and 260 feet northwest of Magnolia Avenue, Arlington.

Reference point—Top of cut in pump at 1/2-inch hole, 0.2 feet above pump base, 1 foot above ground.

Elevation of reference point—757.2, from levels by G. K. Sanborn.

Use—Irrigation.

Other numbers used—Bailey No. 3613A; Location No. 16948.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931— Oct. 2.....	30.7	1931—Cont. Nov. 30.....	30.6	1932— Jan. 5.....	30.1

Measurements from Riverside County Land Owners Association.

E-176-K-24, ELLIS M. LUND. MAP 8

Location and description—90 feet northwest of Indiana Avenue and 90 feet northeast of Tyler Avenue, Arlington.

Reference point—Top of casing, 2.5 feet above ground.

Elevation of reference point—764.2, from levels by G. K. Sanborn.

Use—Domestic.

Depth of well—125 feet.

Diameter of casing—7 inches.

Other numbers used—Bailey No. 3613D, Gage Canal Co. No. A-17, Location No. 16949D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1931—		1932—	
Dec. 12.....	*37.4	Oct. 2.....	44.9	Jan. 5.....	43.3
		Nov. 30.....	43.7		
1921—					
Jan. 6.....	*36.9				
May 26.....	*36.3				

* Measurement from Gage Canal Company.

Measurements from Riverside County Land Owners Association except as noted.

E-178-J-25, PAUL G. MARTINI ET AL. MAP 8

Location and description—45 feet west of Hillside Avenue and 20 feet south of Central Avenue, Riverside.

Reference point—Top of platform, at ground, to and including December 20, 1927; then, top of iron clamp, 0.5 feet above platform and ground.

Elevation of reference point—778.5, to and including December 20, 1927; then, 779.0; from levels by State Div. E. and I.

Use—Domestic.

Depth of well—40 feet.

Other numbers used—G. K. Sanborn No. 11; State Div. E. and I. No. 149, Elsinore Quad.; Location No. 16974B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1925—		1931—	
Sept. 13.....	*29.5	Oct. 13.....	*29.3	April 14.....	39.5
				Oct. 7.....	38.9
1924—		1927—		1932—	
Oct. 10.....	*30.8	Dec. 20.....	*33.2	Jan. 13.....	38.9

* Measurement from Division of Water Resources.

Measurements from Riverside Basin Water Users Council except as noted.

E-179c-K-25, J. L. PADEN AND J. F. HOOK. MAP 8

Location and description—600 feet southeast of Arlington Avenue and 200 feet southwest of Jefferson Street, northeast of Arlington.

Reference point—Top of concrete at base of pump, at ground.

Elevation of reference point—766, from aneroid by D. W. R.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—G. K. Sanborn No. 10, Location No. 16975B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
April 14.....	19.3	Oct. 7.....	20.4	Jan. 13.....	20.3
June 13.....	19.5	Nov. 23.....	19.3		
Aug. 15.....	20.0	Dec. 26.....	20.4		

Measurements from Riverside Basin Water Users Council.

E-182-K-25, FLOYD MAGNINO. MAP 8

Location and description—40 feet southwest of Gibson Street, 200 feet southeast of A. T. & S. F. Ry., Arlington.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—833.6, from levels by G. K. Sanborn.

Use—Domestic.

Depth of well—75 feet.

Diameter of casing—6 inches.

Other numbers used—Bailey No. 3518A, G. K. Sanborn No. 9; Location No. 16968A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
April 14.....	67.8	Oct. 7.....	68.0	Jan. 13.....	68.2
June 13.....	68.0	Nov. 3.....	67.2		
Aug. 15.....	68.1	Dec. 26.....	68.2		

Measurements from Riverside County Land Owners Association.

E-184-J-25, AMANDA C. THOMASON. MAP 8

Location and description—145 feet south of Jurupa Avenue, from intersection at end of Grand Avenue, Riverside.

Reference point—Top of iron clamp on 2" x 12" over casing, 1.5 feet above ground.

Elevation of reference point—792.7, from levels by G. K. Sanborn.

Use—Abandoned.

Diameter of casing—6 inches.

Other numbers used—G. K. Sanborn No. 13; Location No. 16983A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
April 15.....	61.8	Nov. 23.....	60.9	Jan. 13.....	60.6
June 13.....	61.0				

Measurements from Riverside Basin Water Users Council.

E-184c-J-25, EMMA HELLER ET AL. MAP 8

Location and description—225 feet southwest of Rubidoux Avenue and 225 feet southeast of Grand Avenue, Riverside.

Reference point—Top of casing, 0.1 feet above ground, to and including December 20, 1927; then, top of iron clamp, 0.4 feet above ground.

Elevation of reference point—801.0, to and including December 20, 1927; then, 801.3, from levels by G. K. Sanborn.

Use—Not used.

Depth of well—114 feet.

Diameter of casing—7 inches.

Other numbers used—State Div. E. and I. No. 147, Elsinore Quad.; G. K. Sanborn No. 19, Location No. 16993.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1931—Cont.	
Sept. 13.....	*55.8	Dec. 20.....	*58.1	Sept. 20.....	62.3
1924—		1931—		Oct. 7.....	62.3
Oct. 20.....	*54.8	April 16.....	61.2	Nov. 23.....	61.6
1925—		June 13.....	61.4	1932—	
Oct. 13.....	*56.5	Aug. 14.....	61.7	Jan. 13.....	61.5

* Measurement from Division of Water Resources.

Measurements from Riverside Basin Water Users Council except as noted.

E-185-J-25, MRS. IALLIE B. HORNE ET AL. MAP 8

Location and description—0.51 miles west of Palm Avenue and 150 feet north of Sierra Avenue, southwest of Riverside.

Reference point—Top of 8" x 8" at base of pump, 0.5 feet above ground.

Elevation of reference point—786, from aneroid by D. W. R.

Use—Irrigation.

Depth of well—250 feet.

Diameter of casing—10 inches.

Other numbers used—G. K. Sanborn No. 18; Location No. 16984.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
April 20.....	41.0	Oct. 7.....	42.8	Jan. 13.....	42.2
May 14.....	41.0	Dec. 26.....	42.1		
July 15.....	41.7				

Measurements from Riverside Basin Water Users Council.

E-187-K-25, C. M. HOOPER. MAP 8

Location and description—600 feet northeast of Jefferson Street, 300 feet northwest of Magnolia Avenue, southwest of Riverside.

Reference point—Top of 10" x 10" hanger beam, northwest side, at discharge, to and including November 4, 1922; then, bottom edge of vertical pulley, 1 foot below ground.

Elevation of reference point—794.0, to and including November 4, 1922; then, 794.3; from levels by State Div. E. and I.

Use—Not used.

Other numbers used—Gage Canal Co. No. A-8; State Div. E. and I. No. 148; Elsinore Quad.; Location No. 16986.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1921—Cont.		1924—	
Dec. 12.....	26.0	June 29.....	25.3	Oct. 10.....	*25.3
1921—		Aug. 4.....	25.6	1925—	
Jan. 6.....	25.0	Oct. 12.....	26.0	Oct. 13.....	*29.6
Feb. 15.....	25.6	Nov. 4.....	26.1	1927—	
Mar. 24.....	25.1	1922—		Dec. 20.....	*25.3
May 3.....	24.7	Sept. 13.....	*25		

* Measurement from Division of Water Resources.

Measurements from Gage Canal Company except as noted.

E-191-J-26, IN SANTA ANA RIVER. MAP 8

Location and description—At Rubidoux Bridge over Santa Ana River, west of Riverside. Middle of second bent from east (looking downstream), Riverside.

Reference point—Floor of bridge to and including October 12, 1925; then, center of north railing, 3.4 feet above floor.

Elevation of reference point—785.6, to and including October 12, 1925; then, 789.0, from levels by Davidson & Fulmor.

Use—Test well.

Other numbers used—Riverside Cement Co. No. 158; State Div. E. and I. No. 41, Elsinore Quad.; Location No. 17000.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1928—		1929—	
Aug. 10.....	*13.8	Jan. 24.....	24.6	Jan. 7.....	24.8
1925—		June 1.....	24.5	Mar. 18.....	25.1
Oct. 12.....	*19.4	July 2.....	24.7	April 8.....	
1927—		Aug. 4.....	24.6		
Aug. 11.....	24.6	Sept. 17.....	24.5		
Sept. 7.....	24.6	Nov. 13.....	24.2		
Dec. 12.....	24.7	Dec. 3.....	24.6		

* Measurement from Division of Water Resources.

Measurements from Riverside Cement Company except as noted.

E-192-J-26, POLYTECHNIC HIGH SCHOOL. MAP 8

Location and description—900 feet east of Magnolia Avenue and 300 feet north of Terracina Drive, Riverside, Tequesquite Arroyo.

Reference point—Hole punched in steel casing, 0.5 feet above concrete floor and ground.

Elevation of reference point—843.6, from levels by G. K. Sanborn

Use—Not used.

Diameter of casing—10 inches.

Other numbers used—G. K. Sanborn No. 22; Riverside Cement Co. No. 154, Location No. 17012.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1929—Cont.		1931—	
Feb. 28.....	59.8	May 4.....	60.8	Jan. 7.....	66.9
Mar. 9.....	60.7	Aug. 8.....	69.3	Mar. 9.....	65.2
April 17.....	60.1	Oct. 14.....	68.6	April 8.....	67.9
Sept. 21.....	68.4	Nov. 25.....	67.8	June 9.....	66.6
Nov. 9.....	64.3			July 8.....	71.8
		1930—		Aug. 7.....	74.7
1929—		Jan. 29.....	64.9	Oct. 6.....	70.3
Jan. 2.....	62.2	April 30.....	63.3	Dec. 18.....	67.7
Mar. 5.....	60.9	Sept. 9.....	73.5		
April 5.....	61.6	Nov. 7.....	69.5		

Measurements from Riverside Cement Company.

E-192a-J-26, EDWARD F. GRASER. MAP 8

Location and description—200 feet southwest of Tequesquite Avenue, 30 feet northwest of Alvarado Street, produced, and 0.4 miles west of Pine Street, Riverside.

Reference point—Top of casing, 5 feet above ground.

Elevation of reference point—769.4, from levels by G. K. Sanborn.

Use—Domestic.

Depth of well—49 feet.

Diameter of casing—7 inches.

Other numbers used—G. K. Sanborn No. 20; Location No. 17002.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
April 16.....	7.5	Oct. 7.....	9.2	Jan. 13.....	8.1
May 14.....	7.2	Dec. 26.....	8.1		
Aug. 15.....	9.6				

Measurements from Riverside Basin Water Users Council.

E-193b-K-26, EARL FRUIT COMPANY. MAP 8

Location and description—80 feet southeast of A. T. & S. F. Ry. and 660 feet northeast of Jane Street, Riverside.

Reference point—Top of base of pump at ½-inch hole on east side, 3 feet below floor of pump house and ground.

Elevation of reference point—873, from aneroid by D. W. R.

Use—Irrigation.

Diameter of casing—10 inches.

Other numbers used—G. K. Sanborn, No. 16; Location No. 17015A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
April 15.....	102.2	Oct. 7.....	103.8	Jan. 13.....	103.7
July 15.....	103.0				

Measurements from Riverside Basin Water Users Council.

E-194-K-26, McCORMACK PUMPING ASSOCIATION. MAP 8

Location and description—15 feet south of Indiana Street and 15 feet west of Washington Street southwest of Riverside.

Reference point—Top of 2' x 6' flooring on east side of pump, 0.5 feet above ground.

Elevation of reference point—160, from aneroid by D. W. R.

Use—Irrigation.

Depth of well—165 feet.

Diameter of casing—12 inches.

Other numbers used—G. K. Sanborn No. 14; Location No. 17006.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
April 15.....	107.4	Sept. 20.....	108.7	Jan. 13.....	108.2
June 13.....	107.5	Oct. 7.....	108.7		
July 15.....	108.0	Nov. 23.....	108.6		

Measurements from Riverside Basin Water Users Council.

E-196-J-26, E. J. MILLS. MAP 8

Location and description—200 feet north of Hendry Street and 40 feet west of North Market Street, Riverside. 4' x 4' dug pit at foot of steep bank.

Reference point—Horizontal flange on suction pipe under 5-inch ell, 2.3 feet below top of brick retaining wall.

Elevation of reference point—802.5, from levels by G. K. Sanborn.

Use—Domestic and irrigation.

Depth of well—14 feet.

Other numbers used—Riverside Cement Co. No. 92; G. K. Sanborn No. 23; Location No. 17030A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Aug. 8.....	4.0	Feb. 7.....	4.9	Feb. 6.....	7.5
Sept. 7.....	3.5	April 5.....	4.0	April 8.....	7.3
Oct. 7.....	4.8	June 21.....	5.4	May 5.....	10.0
Dec. 12.....	4.1	Oct. 14.....	7.5	June 11.....	7.4
				Sept. 15.....	10.3
1928—		1930—		Oct. 16.....	9.9
Jan. 17.....	3.7	Jan. 29.....	6.5	Dec. 18.....	8.7
Mar. 9.....	3.8	Mar. 29.....	6.2		
June 15.....	4.5	June 3.....	6.0		
Sept. 28.....	6.3	July 5.....	6.8		
Dec. 4.....	5.6	Oct. 8.....	9.4		
		Dec. 9.....	8.5		

Measurements from Riverside Cement Company.

E-196e-J-26, CITY OF RIVERSIDE—MULBERRY WELL. MAP 8

Log Available

Location and description—150 feet southeast of Mulberry Street and 150 feet southwest of Eighth Street, Riverside.

Reference point—2-inch pipe in concrete pump base at top edge of lower pump flange, 0.5 feet above ground.

Elevation of reference point—865.8; from levels by City of Riverside.

Use—Not used.

Depth of well—300 feet.

Diameter of casing—16 inches.

Other numbers used—State Div. E. and I. No. 159, Elsinore Quad.; Location No. 17031A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1930—		1931—	
Oct. 16.....	*71.8	July 10.....	89.3	May 15.....	80.2
		July 28.....	94.5	June 20.....	89.0
1927—		Aug. 27.....	93.0	July 16.....	95.5
Dec. 28.....	*76.6			Aug. 18.....	95.0
				Dec. 14.....	85.5

* Measurement from Division of Water Resources.
Measurements from City of Riverside except as noted.

E-201d-I-27, A. H. SMITH. MAP 8

Location and description—0.26 miles west of Iowa Avenue, 30 feet north of Marlborough Avenue, Riverside.

Reference point—Hole in north side of casing, 0.2 feet below base of pump and 0.3 feet above ground.

Elevation of reference point—906.2, from levels by G. K. Sanborn.

Use—Irrigation.

Depth of well—140 feet.

Diameter of casing—12 inches.

Other numbers used—G. K. Sanborn No. 48; Location No. 17050A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931— May 14.....	81.8	1931—Cont. Oct. 7.....	85.2	1932— Jan. 13.....	83.9
Sept. 20.....	85.0	Dec. 26.....	84.0		

Measurements from Riverside Basin Water Users Council.

E-202-J-26, CITY OF RIVERSIDE—OTTAWA SOUTH WELL. MAP 8

Location and description—290 feet east of Ottawa Street, 215 feet south of Tenth Street, Riverside. 50 feet south of Ottawa north well.

Reference point—Floor of pump house, at ground.

Elevation of reference point—941.1, from levels by City of Riverside.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—Location No. 17042A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1916— April 22.....	150.0	1930— July 10.....	153.0	1931— May 15.....	156.4
		Aug. 27.....	156.0	June 20.....	155.0
				Aug. 18.....	158.0
				Dec. 14.....	157.0

Measurements from City of Riverside.

E-206-J-27, GLENWOOD INVESTMENT COMPANY. MAP 8

Location and description—295 feet east of Canyon Crest Avenue and 195 feet south of Linden Street, Riverside.

Reference point—Ground, to and including December 14, 1927; then, base of pump, 0.8 feet above ground.

Elevation of reference point—1043.8, to and including December 14, 1927; then, 1044.6; from levels by G. K. Sanborn.

Use—Irrigation and domestic.

Depth of well—329 feet.

Diameter of casing—12 inches.

Other numbers used—State Div. E. and I., No. 144, Elsinore Quad; G. K. Sanborn No. 43; Location No. 17061A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— Sept.	*190	1925— Oct. 12.....	*210	1931— May 14.....	214.2
1924— July 28.....	*205	1927— Dec. 14.....	*220	Dec. 26.....	214.8
				1932— Jan. 13.....	213.6

* Measurement from Division of Water Resources.

Measurements from Riverside Basin Water Users Council except as noted.

E-223-J-30, J. H. STEWART. MAP 8

Location and description—100 feet northeast of S. P. R. R., 200 feet northeast of San Timoteo Canyon Road, 0.76 miles southeast of Redlands Boulevard, southeast of Redlands.

Reference point—Top of casing, 0.4 feet below ground, to and including June 6, 1929, then, top of concrete pump base, 0.5 feet above ground.

Elevation of reference point—1691.8, to and including June 6, 1929; then, 1692.7; from levels by P. E. Hicks.

Use—Irrigation.

Diameter of casing—20 inches.

Other numbers used—P. E. Hicks, No. S-78; Location No. 17251A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1930—C-nt.	
June 4	33.0	Jan. 4	31.8	June 3	32.8
Sept. 2	32.5	April 18	32.1	Nov. 4	44.1
Nov. 2	32.3	June 6	32.0	Dec. 2	40.3
1928—		Aug. 3	32.7	1931—	
Jan. 4	32.1	Oct. 7	48.8	Jan. 9	36.4
April 3	32.2	Dec. 6	36.4	Feb. 7	34.9
Sept. 1	32.5	1930—		Mar. 6	34.2
Dec. 6	31.9	Jan. 6	34.9	April 4	33.6
		Mar. 5	32.9	May 6	35.3
		April 7	33.0	Dec. 8	44.6
		May 6	32.7		

Measurements from P. E. Hicks.

E-223c-J-30, J. H. STEWART. MAP 8

Location and description—150 feet southwest of San Timoteo Canyon Road, 0.77 miles southeast of Redlands Boulevard, southeast of Redlands.

Reference point—Top of wooden clamp on casing, 0.8 feet above ground.

Elevation of reference point—1712.3, from levels by P. E. Hicks.

Use—Abandoned.

Diameter of casing—3 inches.

Other numbers used—P. E. Hicks, No. S-23, State Div. E. and I., No. 169, Elsinore Quad.; Location No. 17251.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1919—		1924—		1927—	
Sept. 12	61.3	Nov. 29	59.2	Mar. 16	57.9
Nov. 4	61.7	1925—		Oct. 8	59.3
1922—		June 22	59.7	1928—	
July 7	58.1	Aug. 11	59.6	Jan. 4	59.3
1923—		Sept. 15	59.0	Feb. 2	59.2
May 16	58.6	Oct. 28	58.4	April 24	59.4
July 25	58.9	1926—		1929—	
		Feb. 4	58.9	April 18	59.1
		June 3	58.4		

^a Cloudburst in canyon prior to this.

^b Measurement from P. E. Hicks.

Measurements from W. P. Rowe except as noted.

E-225-J-31, G. O. TRAUZETTEL (FORMERLY W. R. CHENEY). MAP 8

Location and description—150 feet southwest of San Timoteo Canyon Road at El Casco, $\frac{1}{4}$ mile northwest of Reservoir, 0.6 miles northwest of El Casco School, southeast of Redlands.

Reference point—Top of concrete pump base, 0.8 feet above ground.

Elevation of reference point—1872.4, from levels by P. E. Hicks.

Use—Not used.

Depth of well—200 feet.

Diameter of casing—7 inches.

Other numbers used—P. E. Hicks, No. S-21; State Div. E. and I., No. 203, Elsinore Quad; Location No. 17281.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1930—	
Dec. 9	47.1	Jan. 4	53.3	Feb. 3	55.6
1927—		Mar. 1	51.2	April 7	54.8
Mar. 7	50.8	May 1	49.3	June 3	54.4
April 1	51.1	Sept. 1	51.5	Sept. 2	54.6
July 2	52.2	Oct. 3	52.5	Oct. 4	54.8
Aug. 2	52.4	Dec. 6	53.4	Dec. 2	54.4
Oct. 8	52.9	1929—		1931—	
Nov. 2	52.7	Feb. 1	53.8	Feb. 7	52.9
Dec. 6	53.4	April 18	54.5	April 4	53.2
		July 9	54.9	May 6	52.1
		Oct. 7	55.3	June 5	52.4
		Dec. 6	55.6	Sept. 8	55.9
				Nov. 6	54.2
				Dec. 8	54.4

Measurements from P. E. Hicks.

E-225b-J-31, J. H. STEWART. MAP 8

Location and description—500 feet northeast of S. P. R. R. at El Casco, and 0.55 miles northwest of El Casco School, southeast of Redlands.

Reference point—Top of casing, 0.6 feet above ground.

Elevation of reference point—1878.3, from levels by P. E. Hicks.

Use—Domestic.

Diameter of casing—7 inches.

Other numbers used—P. E. Hicks, No. S-20; Location No. 17281B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1927—Cont.		1929—Cont.	
April 14	34.6	Aug. 2	38.0	Aug. 3	39.9
Oct. 3	*33.5	Oct. 8	38.4	Oct. 7	40.2
1924—		Nov. 2	38.3	Dec. 6	40.2
Sept. 16	34.6	Dec. 6	38.5	1930—	
1925—		1928—		Feb. 3	40.1
Aug. 11	35.3	Feb. 2	38.5	April 7	40.0
1926—		April 3	38.3	June 3	39.9
June 4	*33.5	May 1	38.3	Sept. 2	40.3
Aug. 13	34.6	June 1	38.3	Nov. 5	40.4
Dec. 9	36.1	July 2	38.4	1931—	
1927—		Aug. 1	38.7	Jan. 9	40.4
Feb. 3	36.5	Oct. 3	39.1	Mar. 6	40.2
Mar. 7	38.0	Dec. 6	39.3	May 6	39.9
April 1	37.1	1929—		June 5	40.0
May 4	37.2	Feb. 1	39.4	Sept. 8	40.5
		April 18	39.9	Nov. 6	40.5
		June 6	39.7	Dec. 8	40.3

* Measurement from Westerbrook.

^b Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-225c-J-31, EL CASCO SCHOOL. MAP 8

Location and description—250 feet south of San Timoteo Canyon Road at El Casco School, 0.5 miles southeast of El Casco and 1.13 miles northwest of where San Timoteo Canyon Road crosses S. P. R. R., southeast of Redlands.

Reference point—Top of casing plate, 2.0 feet above ground.

Elevation of reference point—1919.0, from levels by P. E. Hicks.

Use—Not used.

Diameter of casing—7 inches.

Other numbers used—P. E. Hicks, No. S-19, Location No. 17292.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1927—		1930—	
April 4.....	40.6	Feb. 3.....	45.1	Jan. 6.....	47.2
Oct. 4.....	40.0	Mar. 7.....	44.2	Mar. 5.....	46.7
		May 4.....	45.4	May 6.....	45.6
1923—		Sept. 2.....	46.2	June 3.....	45.3
Oct. 31.....	43.0	Nov. 2.....	46.5	Aug. 4.....	45.6
				Oct. 4.....	46.0
1924—		1928—		Dec. 2.....	46.9
Sept. 16.....	44.6	Jan. 2.....	46.7		
		Mar. 1.....	46.9	1931—	
1925—		May 1.....	47.0	Jan. 9.....	46.3
Aug. 11.....	39.6	Sept. 1.....	47.4	Feb. 7.....	46.3
		Nov. 1.....	47.5	Mar. 6.....	46.5
1926—				April 4.....	46.3
June 4.....	42.4	1929—		May 6.....	46.0
Aug. 13.....	43.9	Jan. 4.....	47.7	July 6.....	46.0
Dec. 8.....	43.6	Mar. 2.....	47.4	Sept. 8.....	46.5
		June 6.....	46.8	Oct. 6.....	46.5
		Sept. 6.....	47.1	Dec. 8.....	46.6
		Nov. 4.....	47.2		

^a Measurement from Westbrook.

^b Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-227-J-31, CHAS. SINGLETON. MAP 8

Location and description—2300 feet southwest of San Timoteo Canyon Road where it crosses S. P. R. R., 1.13 miles southeast of El Casco School, 250 feet north of E-227e-J-31, and 600 feet southwest of E-227d-J-31, northwest of Beaumont. Windmill.

Reference point—Top of casing, 1.2 feet above ground.

Elevation of reference point—2052.6, from levels by P. E. Hicks.

Use—Domestic.

Depth of well—140 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks, No. S-17, Location No. 17313A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1928— Cont.		1930— Cont.	
April 14.....	71.2	Oct. 3.....	75.0	Aug. 4.....	74.7
		Dec. 6.....	74.8	Sept. 2.....	75.9
1925—				Oct. 4.....	74.5
Aug. 11.....	70.2	1929—		Dec. 2.....	74.6
		Feb. 1.....	74.9		
1926—		April 18.....	75.2	1931—	
Aug. 11.....	71.8	Aug. 2.....	74.7	Feb. 7.....	75.0
		Oct. 7.....	74.5	April 4.....	76.2
1927—		Dec. 6.....	74.3	June 5.....	75.7
April 4.....	72.0			Aug. 12.....	76.1
Oct. 7.....	73.8	1930—		Oct. 6.....	75.7
		Jan. 6.....	75.0	Nov. 6.....	77.1
1928—		Feb. 3.....	73.9	Dec. 8.....	74.4
May 1.....	73.8	Mar. 5.....	74.1		
Aug. 1.....	74.8	June 3.....	75.1		

Measurements from P. E. Hicks.

E-227c-J-32, E. A. PEARSON. MAP 8

Location and description—400 feet northeast of San Timoteo Canyon Road where it crosses S. P. R. R., 1.13 miles southeast of El Casco School, northwest of Beaumont. 4' x 4' dug pit.

Reference point—Top of curb, at ground.

Elevation of reference point—1969.6, from levels by P. E. Hicks.

Use—Domestic.

Depth of well—17 feet.

Other numbers used—P. E. Hicks, No. S-15; Location No. 17312.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921— Oct. 3	^a 16.2	1927— Dec. 31	14.4	1929— April 18	15.0
1926— June 4	^b 13.0	1928— May 1	14.9	Dec. 6	17.7
Dec. 9	11.5	Oct. 3	18.1	1931— Dec. 8	17.2

^a Measurement from Westerbrook.

^b Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-229-I-32, DARREL BURNS. MAP 8

Log Available

Location and description—1700 feet west of Seventh Street and 1900 feet south of Avenue "L," southwest of Yucaipa.

Reference point—Top of pump base, 0.8 feet above ground.

Elevation of reference point—2287.1, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—125 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks, No. Y-74; State Div. E. and I., No. 210, Elsinore Quad.; Location No. 17330.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927— Jan. 31	48.2	1928— Feb. 3	57.2	1929— Jan. 4	68.1
May 10	43.0	April 2	52.2	Feb. 8	65.3
July 1	50.1	April 25	54.0	Mar. 5	63.1
Oct. 4	71.0	Sept. 5	71.8	April 19	59.9
Nov. 3	69.1	Oct. 8	70.9	1931— April 4	62.7
Dec. 6	64.4	Nov. 2	71.0	Dec. 8	66.7
		Dec. 5	69.9		

Measurements from P. E. Hicks.

E-230b-J-32, J. S. HASKELL. MAP 8

Location and description—125 feet southeast of San Timoteo Canyon Road, 1.45 miles southwest of El Casco Bridge, 300 feet east and 400 feet north of southwest corner of Sec. 26, T.2S., R.2W., S. B. B. & M., southeast of Redlands. Singleton Ranch, casing in water trough in feed yard.

Reference point—Top of casing, 1.3 feet above ground.

Elevation of reference point—2114.5, from levels by P. E. Hicks.

Use—Stock.

Depth of well—600 feet.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. S-74; State Div. E. and I., No. 136, Elsinore Quad.; Location No. 17333.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922— Sept. 14	Flowing	1927— Dec. 15	Flowing	1932— April 13	Flowing

Measurements from Division of Water Resources.

E-232-J-32, DWIGHT B. COOPER. MAP 8

Log Available

Location and description—200 feet east of State Highway, 1 mile southeast along State Highway from Avenue "L," south of Yucaipa.

Reference point—Top of casing, at ground.

Elevation of reference point—2387.1, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—285 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks No. Y-56; Location No. 17341D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1928—Cont.		1930—Cont.	
May 16.....	^a 150.0	Mar. 2.....	^b 150.8	July 8.....	^b 172.5
1926—		May 16.....	^a 158.8	Nov. 5.....	^b 174.4
Dec. 11.....	^b 152.7	Oct. 16.....	^b 164.6		
		Dec. 19.....	^b 165.2	1931—	
1927—				Jan. 6.....	^b 174.5
Jan. 28.....	^a 152.7	1929—		Feb. 9.....	^b 174.6
Mar. 18.....	^a 152.1	Feb. 4.....	^b 165.5	Mar. 5.....	^b 174.4
Nov. 2.....	^a 158.0	Mar. 4.....	^b 165.8	May 6.....	^b 174.8
Dec. 5.....	^a 157.6	April 19.....	^b 166.7	June 8.....	^b 175.4
		Dec. 6.....	^b 170.6	Oct. 8.....	^b 179.8
1929—				Nov. 9.....	^b 177.6
Jan. 10.....	^b 164.2	1930—		Dec. 7.....	^b 177.3
Feb. 3.....	^a 157.0	Jan. 4.....	^b 171.7		
		Mar. 3.....	^b 171.8		

^a Measurement from W. P. Rowe.

^b Measurement from P. E. Hicks.

E-232a-J-32, G. O. TRAUZETTEL. MAP 8

Location and description—1.45 miles southeast of Avenue "L" along State Highway and 250 feet southwest of State Highway, south of Yucaipa.

Reference point—Top of concrete pump base, at ground.

Elevation of reference point—2267.2, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—208 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks No. Y-59; State Div. E. and I. No. 175, Elsinore Quad.; Location No. 17341.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—Cont.		1930—Cont.	
Mar. 26.....	^a 30.3	Oct. 2.....	48.7	May 5.....	54.9
		Dec. 4.....	50.0	July 8.....	55.9
1927—				Nov. 4.....	57.8
Feb. 1.....	31.8	1929—			
April 6.....	30.5	Jan. 3.....	49.9	1931—	
May 12.....	31.9	April 6.....	50.5	Jan. 6.....	58.0
Oct. 3.....	38.6	May 9.....	52.2	Feb. 9.....	57.5
Nov. 2.....	39.3	Sept. 4.....	55.5	May 6.....	56.7
Dec. 15.....	38.5	Nov. 6.....	55.5	June 8.....	57.1
		Dec. 3.....	56.2	Aug. 5.....	60.6
1928—				Sept. 7.....	60.0
Feb. 3.....	37.1	1930—		Oct. 8.....	60.4
Mar. 5.....	36.6	Jan. 4.....	56.5	Dec. 7.....	59.9
April 25.....	38.6	Mar. 3.....	55.9		
Aug. 2.....	45.2				

^a Measurement from Division of Water Resources.

Measurements from P. E. Hicks except as noted.

E-232b-J-32, CHARLES SINGLETON. MAP 8

Location and description—2300 feet southwest of State Highway, 1500 feet south of Burns Avenue, 500 feet north of private road at point 0.65 miles northwest from end of Moreno Avenue, south of Yucaipa.

Reference point—Top of casing, 1.2 feet above ground.

Elevation of reference point—2288.0, from levels by P. E. Hicks.

Use—Domestic

Depth of well—152 feet.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. Y-55; State Div. E. and I. No. 209, Elsinore Quad.; Location No. 17341A

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1919—		1927—		1929—Cont.	
Nov. 4.....	*55.7	Mar. 1.....	57.4	July 15.....	73.1
1921—		April 2.....	56.9	Sept. 16.....	74.7
April 15.....	56.2	May 6.....	57.0	Nov. 5.....	75.4
Oct. 4.....	*56.2	July 6.....	58.4	1930—	
1924—		Sept. 3.....	60.8	Jan. 6.....	76.0
Dec. 9.....	54.7	Dec. 17.....	62.7	Mar. 19.....	76.1
1925—		1928—		May 6.....	76.3
Aug. 2.....	56.2	Jan. 12.....	61.7	July 8.....	76.2
1926—		Mar. 5.....	61.4	Oct. 1.....	77.8
Sept. 17.....	*57.9	April 2.....	61.6	Dec. 2.....	78.3
Dec. 9.....	57.4	May 1.....	62.5	1931—	
		Sept. 3.....	66.9	Feb. 9.....	78.6
		Nov. 2.....	68.7	April 7.....	78.5
		1929—		Aug. 5.....	80.2
		Jan. 17.....	69.8	Oct. 9.....	80.9
		Mar. 14.....	70.3	Dec. 7.....	81.0
		May 16.....	71.6		

* Measurement from W. P. Rowe.

^b Measurement from Westbrook.

Measurements from P. E. Hicks except as noted.

E-232e-I-32, CHESTER BURNS. MAP 8

Location and description—0.25 miles south of Avenue "L" and 220 feet east of Third Street extended, south of Yucaipa.

Reference point—Bottom of iron pump base, 0.4 feet above ground.

Elevation of reference point—2483.9, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—480 feet.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks, No. Y-102; Location No. 17350.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1928—		1929—	
Mar. 1.....	226.3	Jan. 12.....	208.6	Feb. 8.....	210.9
April 19.....	206.6	Feb. 3.....	208.8	April 19.....	211.0
May 1.....	206.5	April 2.....	208.5	Oct. 12.....	214.4
June 1.....	207.7	June 4.....	209.9	1931—	
July 6.....	209.5	Aug. 17.....	210.6	May 6.....	215.3
Oct. 7.....	210.2	Oct. 8.....	210.9		
Dec. 5.....	209.0	Dec. 6.....	210.7		

Measurements from P. E. Hicks

E-233-J-32, MORENO MUTUAL IRRIGATION COMPANY, NO. 5. MAP 8

Location and description—1120 feet southwest of State Highway and 670 feet southeast of Moreno Avenue, extended, south of Yucaipa, 915 feet west of Well No. 3.

Reference point—Top of casing, 0.7 feet above ground.

Elevation of reference point—2248.5, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—288 feet.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks No. Y-96; Location No. 17342.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1928—		1930—	
Aug. 12.....	15.4	Jan. 9.....	23.8	Jan. 20.....	138.2
1926—		Feb. 16.....	21.4	Feb. 18.....	134.2
Aug. 13.....	15.6	Mar. 5.....	20.6	Mar. 19.....	60.7
Dec. 9.....	17.2	April 17.....	45.3	April 9.....	51.6
Dec. 17.....	16.6	May 16.....	^b 116.3	May 6.....	55.3
1927—		June 4.....	62.3	June 4.....	^a 132.0
Jan. 31.....	19.7	July 16.....	^a 133.2	July 8.....	141.2
Mar. 1.....	15.0	Oct. 16.....	^a 142.5	Aug. 5.....	70.7
April 2.....	^a 16.9	Nov. 16.....	^a 82.8	Sept. 3.....	142.7
May 1.....	20.4	Dec. 19.....	63.1	Oct. 1.....	143.7
June 3.....	^a 31.6	1929—		Nov. 4.....	146.2
Oct. 18.....	^a 53.3	Jan. 4.....	61.5	1931—	
Nov. 19.....	34.0	Mar. 5.....	^a 58.4	Jan. 6.....	145.7
Dec. 15.....	27.3	April 19.....	^a 65.8	Feb. 9.....	^b 130.2
		May 16.....	^a 131.7	Mar. 5.....	^b 125.2
		July 3.....	133.7	April 7.....	132.2
		Aug. 5.....	141.2	May 7.....	^a 56.5
		Sept. 4.....	^b 138.2	Dec. 7.....	68.3
		Oct. 4.....	^b 135.2		
		Dec. 3.....	^a 141.2		

^a Pumping nearby.

^b Pumping.

Measurements from P. E. Hicks.

E-233d-J-32, C. E. HARRISON. MAP 8

Location and description—2300 feet northeast of State Highway, 1200 feet southeast of road up canyon to northeast from State Highway at Moreno Avenue, 1100 feet north, 1600 feet west of southeast corner of Sec. 24, T. 2S., R. 2W., S. B. B. & M., south of Yucaipa.

Reference point—Top of casing, 1.5 feet above ground.

Elevation of reference point—2333.8, from levels by P. E. Hicks.

Use—Not used.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. Y-62; State Div. E. and I. No. 174, Elsinore Quad.; Location No. 17352.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1919—		1926—		1929—	
Sept. 29.....	^a 65.7	Feb. 4.....	^a 65.8	Jan. 3.....	^b 76.5
Nov. 4.....	^a 65.8	June 5.....	^a 65.4	Mar. 18.....	^b 76.5
1921—		Sept. 17.....	^a 66.5	May 16.....	^b 77.3
June 25.....	^a 66.7	Dec. 9.....	^b 66.8	Sept. 16.....	^b 79.8
1922—		1927—		Nov. 6.....	^b 79.7
July 7.....	^a 65.2	Jan. 13.....	^a 66.5	1930—	
1923—		Mar. 18.....	^a 65.6	Jan. 4.....	^b 80.1
July 25.....	^a 62.7	May 6.....	^b 66.0	Mar. 3.....	^b 79.8
1924—		Sept. 16.....	^b 70.5	May 5.....	^b 79.2
Nov. 29.....	^a 64.6	Nov. 19.....	^a 71.4	Sept. 3.....	^b 80.7
Dec. 13.....	^a 65.1	Dec. 15.....	^a 70.8	Nov. 4.....	^b 81.2
1925—		1928—		Dec. 4.....	^b 81.4
May 16.....	^a 65.5	Feb. 6.....	^b 69.4	1931—	
June 22.....	^a 65.5	Mar. 17.....	^b 68.8	Jan. 6.....	^b 81.2
Sept. 15.....	^a 66.1	April 24.....	^a 70.1	Mar. 5.....	^b 80.7
Oct. 28.....	^a 65.3	June 4.....	^b 72.4	May 7.....	^b 80.7
		Sept. 19.....	^b 75.1	June 8.....	^b 81.2
		Nov. 16.....	^b 76.3	Sept. 7.....	^b 82.4
				Nov. 9.....	^b 82.9
				Dec. 7.....	^b 82.6

^a Measurement from W. P. Rowe.

^b Measurement from P. E. Hicks.

E-233e-J-32, MORENO MUTUAL IRRIGATION COMPANY, NO. 3. MAP 8

Log Available

Location and description—360 feet southwest of State Highway, 1140 feet southeast of Moreno Avenue, extended, south of Yucaipa.

Reference point—Top of casing, at ground.

Elevation of reference point—2269.5, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—385 feet.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks No. Y-66; State Div. E. and I. No. 206, Elsinore Quad.; Location No. 17352A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—		1928—Cont.		1930—	
Dec. 9.....	*109.0	July 6.....	*91.9	Jan. 20.....	69.6
1927—		Aug. 3.....	139.8	Feb. 18.....	62.9
Feb. 7.....	32.3	Sept. 3.....	143.0	Mar. 19.....	57.2
Aug. 5.....	81.2	Oct. 2.....	140.7	April 9.....	54.0
Sept. 3.....	*123.6	Nov. 6.....	88.8	May 6.....	54.5
Oct. 4.....	*124.1	Dec. 19.....	73.9	June 4.....	69.8
Nov. 30.....	43.0	1929—		July 8.....	81.9
Dec. 15.....	38.4	Jan. 4.....	*71.3	Oct. 1.....	91.0
1928—		Feb. 8.....	61.4	Nov. 4.....	85.1
Jan. 9.....	34.5	Mar. 18.....	78.7	Dec. 4.....	73.2
Feb. 3.....	32.8	April 19.....	*122.8		
Mar. 5.....	31.4	May 16.....	133.7	1931—	
April 17.....	*119.5	July 3.....	92.5	Jan. 6.....	71.1
May 16.....	79.1	Aug. 19.....	98.1	Feb. 9.....	58.9
June 4.....	*128.8	Oct. 4.....	77.4	Mar. 5.....	54.7
July 3.....	*136.6	Dec. 17.....	85.2	April 7.....	71.2
				May 7.....	71.8

* Pumping.

^b Shut down July 4, 1928.

^c Pumping nearby.

Measurements from P. E. Hicks.

E-233f-J-32, MORENO MUTUAL IRRIGATION COMPANY, NO. 6 (FORMERLY KADOTA FIG FARMS). MAP 8

Location and description—1600 feet northeast of State Highway from point 0 43 miles southeast of Moreno Avenue, 160 feet south and 810 feet east of the north one-quarter corner of Sec. 25, T. 2S., R. 2W., S. B. B. & M., south of Yucaipa.

Reference point—1.5 feet above concrete base and ground, to and including July 25, 1923, then, 1 foot above concrete base and ground, to and including April 29, 1929, then, top of casing at concrete base and ground.

Elevation of reference point—2300.6, to and including July 25, 1923, then, 2300.1, to and including April 9, 1929, then, 2299.1, from levels by P. E. Hicks.

Use—Not used.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks No. Y-63, Location No. 17352B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1927—		1930—	
April 14	26.5	Mar. 16	^a 26.9	Jan. 4	41.0
June 25	^a 28.3	May 12	28.7	Mar. 3	40.0
Oct. 3	27.0	July 15	30.9	May 5	39.2
		Oct. 3	^b 34.0	July 8	40.4
1922—		Dec. 15	32.6	Oct. 1	42.2
July 7	^a 26.7			Nov. 4	42.3
		1928—		Dec. 4	42.1
1923—		Jan. 9	31.9		
May 16	^a 26.7	Mar. 5	^b 30.7	1931—	
July 25	^a 26.7	May 16	^b 34.3	Jan. 6	41.9
		July 3	36.3	Mar. 5	40.8
1924—		Sept. 3	38.2	May 7	41.4
Nov. 29	^a 27.6	Nov. 2	39.3	June 8	42.0
Dec. 13	^a 27.8	Dec. 19	38.7	Aug. 5	43.5
				Oct. 8	44.1
1925—		1929—		Dec. 7	43.8
Aug. 12	29.0	Jan. 3	38.5		
		Mar. 5	37.6	1932—	
1926—		May 16	39.1	Jan. 1	^b 43.3
Dec. 9	27.9	July 15	40.2	Feb. 11	^b 42.7
		Aug. 19	40.9		
		Oct. 4	40.6		
		Dec. 17	40.9		

^a Measurement from W. P. Rowe.

^b Measurement from W. P. Rowe and P. E. Hicks.

Measurements from P. E. Hicks except as noted.

E-233m-J-32, J. S. HASKELL. MAP 8

Location and description— $\frac{3}{4}$ miles southeast of San Timoteo Canyon Road and 2 miles southwest of El Casco Bridge, northwest of Beaumont. In Black Caoyoo, at Haskell east line, 1 mile east of ranch house.

Reference point—Top of pipe, 0.5 feet above ground.

Elevation of reference point—2284, from aneroid by D. W. R.

Use—Test well.

Depth of well—35 feet.

Diameter of casing—1 $\frac{1}{2}$ inches.

Other numbers used—P. E. Hicks No. S-82; Location No. 17353.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
May 5	29.8	Feb. 9	26.4	Oct. 8	28.5
June 4	25.2	April 7	27.1	Dec. 7	28.7
Aug. 5	26.0	June 8	27.4		
Oct. 1	26.7	Aug. 5	27.9	1932—	
Dec. 4	27.3			Jan. 5	28.4

Measurements from P. E. Hicks.

E-234-J-32, SINGLETON RANCH. MAP 8

Location and description—2.45 miles southeast of El Casco Bridge, 200 feet southwest of siding southwest of S. P. R. R., 700 feet north and 1100 feet west of southeast corner of Sec. 35, T 2S., R 2W., S. B. B. & M., southeast of Redlands.

Reference point—Top of casing, 3.1 feet above ground.

Elevation of reference point—2199.5, from levels by P. E. Hicks.

Use—Abandoned.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks No. S-4; State Div. E. and I. No. 171, Elsinore Quad.; Location No. 17344.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1926—Cont.		1929—Cont.	
April 14.....	19.1	Aug. 11.....	*18.6	June 1.....	*19.8
July 13.....	*20.2	Dec. 10.....	*17.0	Aug. 5.....	*20.2
Oct. 3.....	*20.4			Nov. 6.....	*20.7
		1927—		Dec. 3.....	20.8
1922—		Feb. 3.....	17.7		
July 7.....	*18.4	June 4.....	*17.9	1930—	
		Aug. 5.....	18.4	Jan. 4.....	20.8
1923—		Oct. 3.....	*18.9	Mar. 3.....	20.7
May 16.....	*18.4	Nov. 2.....	*19.1	May 5.....	20.0
July 25.....	*18.6	Dec. 5.....	*19.0	July 8.....	20.5
				Sept. 3.....	21.2
1924—		1928—		Oct. 1.....	21.4
Sept. 16.....	19.8	Feb. 2.....	*18.9	Dec. 4.....	21.6
Dec. 15.....	19.2	April 24.....	*18.9		
		July 19.....	*19.3	1931—	
1925—		Oct. 2.....	*19.6	Feb. 9.....	21.6
May 16.....	*19.2	Dec. 5.....	*19.7	April 7.....	21.5
Aug. 11.....	*19.5			June 8.....	21.8
Oct. 28.....	*19.6	1929—		Aug. 5.....	22.5
		Jan. 3.....	*19.6	Oct. 8.....	23.0
1926—		Mar. 21.....	*19.6	Nov. 9.....	23.1
Feb. 4.....	*19.5	May 2.....	*19.7	Dec. 7.....	23.0
June 4.....	*18.5				

* Measurement from W. P. Rowe.

b Measurement from Westerbrook.

c Measurement from W. P. Rowe and P. E. Hicks.

Measurements from P. E. Hicks except as noted.

E-236-J-33, C. L. COVINGTON. MAP 8

Log Available

Location and description—10 feet north of Woodland Avenue, 0.35 miles east of State Highway, northwest of Beaumont.

Reference point—3-inch plank, at ground, to and including November 2, 1928; then, top of casing, 0.3 feet above ground.

Elevation of reference point—2348.2, to and including November 2, 1928; then, 2348.5; from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—220 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks No. B-95; Location No. 17362.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1931—	
Oct. 5.....	77.7	Jan. 7.....	81.1	Jan. 6.....	85.0
Nov. 1.....	76.7	Mar. 5.....	80.7	Mar. 5.....	84.5
		April 16.....	81.1	April 7.....	84.4
1928—		Sept. 4.....	83.1	June 8.....	85.1
Jan. 10.....	76.0	Nov. 6.....	83.3	Sept. 7.....	86.4
Mar. 2.....	75.4			Oct. 8.....	86.7
April 2.....	75.8	1930—		Nov. 9.....	86.8
June 2.....	77.1	Jan. 4.....	83.7	Dec. 7.....	86.8
Sept. 5.....	79.6	Mar. 3.....	83.4		
Nov. 2.....	80.7	June 4.....	82.9		
		Sept. 3.....	84.4		
		Nov. 4.....	84.9		

Measurements from P. E. Hicks.

E-236b-J-33, A. GRANT. MAP 8

Location and description—2400 feet north of Woodland Avenue, 3700 feet east of State Highway along Woodland Avenue, northwest of Beaumont.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—2489.4, from levels by P. E. Hicks.

Use—Abandoned.

Depth of well—112 feet.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. B-70; Location No. 17372.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1929—	
Dec. 11.....	47.9	Jan. 10.....	46.2	Feb. 2.....	48.8
1927—		Feb. 2.....	46.4	Mar. 5.....	48.9
Mar. 1.....	40.0	April 2.....	46.8	April 16.....	48.8
April 6.....	31.5	June 2.....	47.3	Oct. 12.....	49.6
May 6.....	34.6	Sept. 5.....	48.2		
June 3.....	39.4	Nov. 2.....	48.5		
Sept. 1.....	43.8	Dec. 4.....	48.7		
Nov. 30.....	45.8				

Measurements from P. E. Hicks

E-236c-J-33, A. GRANT. MAP 8

Location and description—1800 feet north of Woodland Avenue, 3200 feet east of State Highway along Woodland Avenue, northwest of Beaumont.

Reference point—Top of plank pump base, 0.2 feet above top of casing.

Elevation of reference point—2438.8, from levels by P. E. Hicks.

Use—Domestic.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. B-71; State Div. E. and I. No. 205, Elsinore Quad.; Location No. 17372A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1927—Cont.		1928—	
Sept. 1.....	161.7	May 6.....	162.5	Jan. 10.....	164.8
Dec. 11.....	161.6	July 6.....	163.6	Mar. 2.....	164.3
1927—		Aug. 4.....	163.1	May 1.....	165.0
Feb. 3.....	161.8	Sept. 1.....	164.6	1930—	
April 6.....	161.5	Nov. 1.....	165.0	Jan. 4.....	171.2

Measurements from P. E. Hicks.

E-236d-J-33, MR. TODD. MAP 8

Location and description—200 feet north of Roach Avenue, 700 feet east of State Highway, northwest of Beaumont.

Reference point—Top of lone casing, 1 foot above ground.

Elevation of reference point—2432.1, from levels by P. E. Hicks.

Use—Domestic.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. B-74; State Div. E. and I. No. 172, Elsinore Quad.; Location No. 17373.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1926—		1929—	
April 14.....	^a 151.0	Feb. 4.....	^b 151.4	Jan. 3.....	^a 157.5
		May 25.....	^b 151.1	Mar. 21.....	^b 157.8
1922—		Sept. 17.....	^b 151.6	June 1.....	^a 158.5
July 7.....	^b 151.2	Oct. 6.....	^b 151.5	Aug. 5.....	^a 159.1
		Dec. 10.....	^a 152.1	Oct. 12.....	^a 159.6
1924—				Dec. 17.....	^a 160.1
Sept. 24.....	^a 151.0	1927—			
Nov. 29.....	^b 150.4	Jan. 13.....	^b 151.9	1930—	
Dec. 23.....	^b 150.5	Mar. 15.....	^b 151.7	Feb. 4.....	^a 160.4
		May 4.....	^a 151.6	April 8.....	^a 160.5
1925—		July 6.....	^a 152.1	Aug. 5.....	^a 160.8
May 16.....	^b 150.7	Sept. 1.....	^a 152.9	Oct. 1.....	^a 161.2
June 22.....	^b 150.8	Nov. 1.....	^a 153.9	Dec. 4.....	^a 161.8
Aug. 11.....	^b 151.0				
Sept. 15.....	^b 151.1	1928—		1931—	
Oct. 28.....	^b 151.2	Jan. 10.....	^a 154.1	Feb. 9.....	^a 162.0
		Mar. 5.....	^a 154.0	April 7.....	^a 162.1
		May 16.....	^a 154.4	June 8.....	^a 162.3
		June 4.....	^b 154.7	Aug. 5.....	^a 162.7
		Aug. 2.....	^a 155.5	Oct. 8.....	^a 163.3
		Oct. 5.....	^a 156.5	Dec. 7.....	^a 163.6

^a Measurement from P. E. Hicks.

^b Measurement from W. P. Rowe.

E-237-K-33, J. D. HUSTON. MAP 8

Location and description—1600 feet south of San Timoteo Canyon Road, 0.41 miles east of where San Timoteo Canyon Road crosses S. P. R. R., 2 miles west of State Highway, west of Beaumont.

Reference point—Top of casing, 2.0 feet above ground.

Elevation of reference point—2336.8, from levels by P. E. Hicks.

Use—Domestic.

Depth of well—72 feet.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. S-2; State Div. E. and I. No. 138, Elsinore Quad.; Location No. 17376.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1925—		1927—Cont.	
July 16.....	^a 49.6	Aug. 11.....	^a 45.9	July 6.....	^b 46.0
		Oct. 28.....	^a 45.9	Sept. 1.....	^b 46.0
1922—				Dec. 5.....	^a 45.7
July 7.....	^a 46.2	1926—			
Sept. 19.....	^a 45.8	Feb. 5.....	^a 45.9	1928—	
		Dec. 10.....	^a 45.9	April 3.....	^b 45.5
1923—				June 4.....	^b 45.7
May 16.....	^a 45.4	1927—		Aug. 1.....	^b 46.0
		Mar. 7.....	^b 46.8	Nov. 1.....	^b 45.9
1924—		April 7.....	^b 45.8		
Nov. 29.....	^a 45.6	May 4.....	^b 45.7	1929—	
		June 4.....	^b 46.1	Jan. 3.....	^b 45.7
				Mar. 3.....	^b 45.7

^a Measurement from W. P. Rowe.

^b Measurement from P. E. Hicks.

^c Measurement from Division of Water Resources.

E-239-J-33, E. M. HADDOX. MAP 8

Location and description—1.5 miles west of Nancy Avenue, 2300 feet north of Orchard Street, extended, near east line of Sec. 19, T.2S., R.1W., S. B. B. & M., northwest of Beaumont.

Reference point—Top of casing, 1.9 feet above ground.

Elevation of reference point—2658.9, from levels by P. E. Hicks.

Use—Abandoned.

Depth of well—343 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks No. Y-81; Location No. 17381A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1930—		1931—	
Jan. 5.....	3.5	Jan. 4.....	5.7	Jan. 6.....	5.8
Dec. 31.....	3.2	Mar. 19.....	4.3	Mar. 5.....	5.4
		May 5.....	3.7	Apr. 7.....	5.7
1929—		July 8.....	4.6	June 8.....	6.1
April 9.....	3.7	Sept. 3.....	5.9	Sept. 7.....	7.2
May 16.....	3.7	Nov. 4.....	6.2	Oct. 8.....	7.4
July 3.....	4.5			Dec. 7.....	7.0
Sept. 4.....	5.5				
Nov. 6.....	5.7				

Measurements from P. E. Hicks.

E-240-J-33, ED HANNON. MAP 8

Location and description—100 feet south of Woodland Avenue, 0.67 miles west of Union Avenue, 1.4 miles east of State Highway, northwest of Beaumont.

Reference point—Top of casing, 1.9 feet above ground.

Elevation of reference point—2590.5, from levels by P. E. Hicks.

Use—Abandoned.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. B-69, State Div. E. and I. No. 216, Elsinore Quad.; Location No. 17383.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1928—		1930—	
June 27.....	*305.7	Feb. 2.....	*b308.0	Feb. 4.....	b314.1
		April 3.....	*307.9	April 9.....	b314.3
1926—		June 11.....	*308.6	June 4.....	b314.4
Oct. 7.....	*305.7	Aug. 3.....	*309.3	Oct. 1.....	b315.1
Dec. 11.....	b306.5	Oct. 5.....	*310.0	Nov. 4.....	b315.4
1927—		1929—		1931—	
Jan. 28.....	*306.0	Jan. 3.....	*311.1	Jan. 6.....	b315.7
Mar. 1.....	*306.1	Mar. 4.....	*311.5	Feb. 9.....	b315.9
April 6.....	*305.8	June 1.....	b312.0	May 7.....	b316.1
May 6.....	*305.6	Aug. 3.....	b312.6	June 8.....	b316.2
June 3.....	*306.0	Oct. 12.....	b313.3	Aug. 5.....	b316.6
Aug. 4.....	*b306.5	Dec. 3.....	b313.7	Sept. 7.....	b312.8
Oct. 5.....	*b307.2			Oct. 8.....	b317.1
Dec. 5.....	*b307.9			Dec. 7.....	b317.6

* Measurement from W. P. Rowe.

b Measurement from P. E. Hicks.

E-240c-J-33, T. H. KUJANECK. MAP 8

Log Available

Location and description—2400 feet north of Woodland Avenue, 2300 feet west of Union Avenue, northwest of Beaumont.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—2689.0, from levels by P. E. Hicks.

Use—Abandoned.

Depth of well—181 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks No. B-78; State Div. E. and I. No. 214, Elsinore Quad.; Location No. 17392.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1927—Cont.		1928—Cont.	
Sept. 1.....	67.7	Sept. 1.....	52.5	Sept. 5.....	59.7
Dec. 11.....	62.6	Nov. 1.....	52.0	Oct. 5.....	59.9
				Dec. 4.....	60.3
1927—		1928—		1929—	
Feb. 3.....	62.2	Jan. 10.....	52.9	Feb. 2.....	60.7
Mar. 1.....	58.2	Mar. 2.....	55.7	April 16.....	61.0
April 6.....	51.1	May 1.....	58.1		
June 3.....	51.5	July 2.....	59.1		

Measurements from P. E. Hicks.

E-240d-J-33, GANTT BROTHERS. MAP 8

Location and description—500 feet north of Woodland Avenue and 500 feet west of Union Avenue, northwest of Beaumont.

Reference point—Top of casing, 0.5 feet above ground.

Elevation of reference point—2676.2, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—235 feet.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. B-88; State Div. E. and I. No. 215, Elsinore Quad.; Location No. 17392A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1929—	
Dec. 17.....	90.1	Jan. 10.....	91.4	Jan. 7.....	93.6
		Mar. 2.....	90.6	Mar. 4.....	93.0
1927—		May 1.....	90.3	April 17.....	92.8
Feb. 3.....	88.6	June 2.....	93.1		
April 30.....	87.9	July 2.....	95.6	1930—	
June 3.....	89.0	Sept. 5.....	97.7	April 9.....	96.1
Aug. 4.....	91.4	Oct. 5.....	96.5	Oct. 1.....	104.8
Sept. 1.....	95.0	Dec. 4.....	94.3		
Nov. 1.....	94.8			1931—	
Dec. 5.....	92.3			April 7.....	100.1

Measurements from P. E. Hicks.

E-241-J-33, L. T. SMITH. MAP 8

Location and description—2500 feet south of Roach Avenue, 1 mile west of Nancy Avenue, extended, 1600 feet northwest of State Highway, northwest of Beaumont. Deep pit.

Reference point—Top of concrete base under pump, at ground.

Elevation of reference point—2491.2, from levels by P. E. Hicks.

Use—Domestic.

Depth of well—328 feet.

Other numbers used—P. E. Hicks No. B-75; Location No. 17394.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1930—		1931—	
July 3	208.5	Jan. 4	210.0	Jan. 6	211.9
Sept. 5	*208.9	Feb. 4	210.9	Feb. 9	212.2
Nov. 6	209.5	April 8	210.5	April 7	212.4
Dec. 17	209.8	June 4	*210.9	June 8	212.7
		Aug. 5	211.2		
		Oct. 1	*211.4		
		Dec. 4	211.9		

^a Measurement from W. P. Rowe.

Measurements from P. E. Hicks except as noted.

E-241a-K-33, P. ESCALLE. MAP 8

Location and description—300 feet north of S. P. R. R., in San Timoteo Canyon, 1300 feet southwest of State Highway near center line of Sec. 5, T.3S., R.1W., S. B. B. & M., west of Beaumont. 4' x 6' dug pit.

Reference point—Top of concrete curb, 0.7 feet above ground.

Elevation of reference point—2453.1, from levels by P. E. Hicks.

Use—Not used.

Depth of well—170 feet.

Other numbers used—P. E. Hicks No. S-1; Location No. 17395.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1921—		1928—		1929—	
April 14	162.9	April 26	164.3	Jan. 3	*165.9
1926—		July 2	165.0		
Dec. 10	163.0	Oct. 2	165.3		
		Dec. 5	165.7		
1927—					
Dec. 31	163.6				

^a Well nearly dry. Water covers only portion of bottom.

Measurements from P. E. Hicks.

E-242-K-33, NELLIE M. WORMLEY. MAP 8

Location and description—0.6 miles east of S. P. R. R. and 250 feet north of Jackrabbit Trail (San Gorgonio Drive), west of Beaumont.

Reference point—Top of concrete, at ground.

Elevation of reference point—2432.7, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—1300 feet.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks No. B-76; Location No. 17396.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1927—Cont.		1928—Cont.	
Dec. 10.....	103.6	Oct. 7.....	110.1	May 1.....	104.1
		Nov. 1.....	105.0	Oct. 2.....	107.6
1927—		Dec. 5.....	102.5	Nov. 1.....	104.2
Feb. 3.....	101.7				
Mar. 7.....	100.7	1928—		1929—	
April 7.....	100.8	Jan. 16.....	101.5	Jan. 3.....	102.5
May 4.....	104.1	Feb. 2.....	101.1	Feb. 4.....	102.1
Sept. 1.....	114.5	Mar. 2.....	100.8	Mar. 4.....	101.9
		April 3.....	100.7		

Measurements from P. E. Hicks.

E-243-J-33, H. C. LEE. MAP 8

Location and description—2600 feet north of Orchard Street, 1100 feet west of Nancy Avenue, extended, upper well in canyon, north of Beaumont. 4' x 5' dug pit.

Reference point—Top of 2-inch cover, at ground.

Elevation of reference point—2954.6, from levels by P. E. Hicks.

Use—Not used.

Depth of well—50 feet.

Other numbers used—P. E. Hicks No. B-45; Location No. 17401.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1929—	
Dec. 14.....	36.5	Oct. 5.....	38.6	April 17.....	36.3
1927—					
Mar. 23.....	32.6				

Measurements from P. E. Hicks.

E-243g-J-33, J. H. McGEE. MAP 8

Location and description—250 feet west of Nancy Avenue, 1300 feet north of Orchard Avenue, north of Beaumont.

Reference point—Top of casing, 1.1 feet above ground.

Elevation of reference point—2854.5, from levels by P. E. Hicks.

Use—Abandoned.

Depth of well—180 feet.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks No. B-55; Location No. 17401G.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1927—Cont.		1928—Cont.	
Dec. 14.....	37.5	Aug. 4.....	35.8	Sept. 5.....	42.7
		Oct. 5.....	38.4	Nov. 2.....	40.6
1927—		Nov. 1.....	37.9		
Mar. 2.....	36.7			1929—	
April 6.....	35.7	1928—		Jan. 5.....	39.7
June 3.....	35.8	Jan. 10.....	37.4	Feb. 2.....	39.5
		Mar. 2.....	37.3	Mar. 4.....	40.0
		May 1.....	37.3	April 17.....	39.2

Measurements from P. E. Hicks.

E-245-K-33, A. L. ELLIS. MAP 8

Location and description—300 feet west of Elm Avenue and 250 feet south of 14th Street, Beaumont

Reference point—Top of casing, 3.5 feet above ground.

Elevation of reference point—2608.4, from levels by P. E. Hicks.

Use—Not used.

Diameter of casing—10 inches.

Other numbers used—P. E. Hicks No. B-59, Location No. 17415.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1928—		1930—	
Dec. 13.	280.6	Jan. 10.	282.0	Feb. 18.	285.1
		Feb. 2.	281.8	April 9.	285.4
1927—		April 26.	282.3	Oct. 1.	286.3
Jan. 24.	280.0	Sept. 5.	282.7		
Mar. 7.	281.1	Nov. 1.	283.1	1931—	
April 30.	281.2	Dec. 4.	283.2	June 8.	287.6
Sept. 2.	281.5			Oct. 8.	288.3
Nov. 1.	281.8	1929—			
		Jan. 3.	283.1		
		Feb. 4.	283.4		
		April 17.	283.6		
		Oct. 12.	284.4		

Measurements from P. E. Hicks.

E-246-K-33, MAY M. GRAY. MAP 8

Location and description—900 feet west of Elm Avenue and 800 feet northeast of State Highway, Beaumont.

Reference point—Top of concrete pit, 0.4 feet above ground.

Elevation of reference point—2571.1, from levels by P. E. Hicks.

Use—Not used.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks No. B-60; Location No. 17416.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1929—		1930—	
Mar. 7.	243.6	Jan. 3.	245.7	Feb. 10.	246.3
April 30.	244.3	Feb. 4.	245.4	June 4.	246.1
Aug. 4.	244.6	Mar. 4.	245.7	Sept. 3.	246.4
Oct. 4.	244.8	April 16.	245.5	Nov. 4.	246.5
		Aug. 5.	245.9		
1928—		Oct. 12.	246.1	1931—	
Jan. 10.	245.0	Dec. 3.	246.3	Jan. 6.	246.5
Mar. 2.	245.1			April 7.	246.8
April 26.	245.2			June 8.	246.8
Aug. 3.	245.5			Aug. 5.	246.9
Oct. 5.	245.5			Oct. 8.	246.9
Dec. 4.	245.7			Dec. 7.	247.1

Measurements from P. E. Hicks.

E-249-J-34, W. O. HALIDAY. MAP 8

Location and description—2200 feet north of Orchard Street and 450 feet west of Beaumont Avenue, extended, north of Beaumont.

Reference point—Top of concrete under 6" x 8" timber, 0.5 feet below ground, to and including April 8, 1927; then, top of pump base, 0.6 feet above ground.

Elevation of reference point—2942.3, to and including April 8, 1927; then, 2943.4; from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—94 feet.

Diameter of casing—18 inches.

Other numbers used—P. E. Hicks No. B-42; Location No. 17421C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1926—		1929—		1930—	
Dec. 14.....	59.4	Jan. 5.....	62.4	April 9.....	64.8
		Feb. 2.....	62.4	Oct. 1.....	61.7
1927—		Mar. 4.....	62.9		
April 8.....	59.1	April 17.....	62.7	1931—	
		June 1.....	63.4	April 7.....	67.1
1928—		Aug. 3.....	64.7		
April 3.....	60.4	Oct. 12.....	64.5		
July 2.....	81.0				
Sept. 5.....	62.2				
Nov. 2.....	62.8				
Dec. 4.....	62.3				

Measurements from P. E. Hicks.

E-254b-1-34, BEAUMONT IRRIGATION DISTRICT NO. 9. MAP 8

Log Available

Location and description—1.35 miles northeast along Oak Glen Road from Orchard Street, 1300 feet east of Oak Glen Road on east side of creek in Edgar Canyon, north of Beaumont.

Reference point—Concrete floor of pump house, 0.6 feet above ground.

Elevation of reference point—3229.0, from levels by P. E. Hicks.

Use—Irrigation.

Depth of well—176 feet.

Diameter of casing—16 inches.

Other numbers used—P. E. Hicks No. B-9; Location No. 17430B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1928—		1930—	
Jan. 24.....	11.6	Dec. 4.....	14.8	April 9.....	40.9
April 6.....	11.6				
Nov. 30.....	11.6	1929—			
		April 16.....	19.0		

Measurements from P. E. Hicks.

E-254f-J-34, BEAUMONT IRRIGATION DISTRICT NO. 3. MAP 8

Location and description—1.0 miles northeast along Oak Glen Road from Orchard Street, 380 feet southeast of Oak Glen Road, 100 feet northwest of creek in Edgar Canyon, north of Beaumont. First well above workshop.

Reference point—Top of concrete base, 0.4 feet above ground.

Elevation of reference point—3077.2, from levels by P. E. Hicks.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—P. E. Hicks No. B-3; Location No. 17431.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927—		1928—		1930—	
Jan. 24.....	160.5	Dec. 4.....	172.0	April 9.....	151.8
April 30.....	153.3				
Oct. 5.....	182.8	1929—			
		April 17.....	161.9		

Measurements from P. E. Hicks.

E-265-L-21, UNITA CAMPIO. MAP 5

Location and description—1900 feet west of Center Street and 100 feet south of State Highway, Prado. 3' x 4' dug well.

Reference point—Northwest corner of pit, 2.3 feet above ground.

Elevation of reference point—494.9, from levels by G. K. Sanborn.

Use—Domestic.

Depth of well—19 feet.

Other numbers used—Bailey No. 3720E; O. Co. F. C. D. No. P-1; Location No. 15860A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
May 9.....	16.5	Jan. 5.....	16.8	Sept. 11.....	18.3
July 15.....	17.1	April 6.....	16.9	Dec. 1.....	*17.7
Sept. 4.....	17.5	June 2.....	*17.4		
Dec. 18.....	17.1	July 23.....	18.1	1932—	
				Jan. 29.....	*17.5

* Measurement from Riverside County Land Owners Association.

Measurements from Orange County Flood Control District except as noted.

E-267-L-21, EXCELSIOR DAIRY. MAP 5

Location and description—750 feet east of Center Street, 40 feet north of A. T. & S. F. Ry., Prado.

Reference point—Top of concrete pump base, 3.5 feet below ground.

Elevation of reference point—485.4, from levels by G. K. Sanborn.

Use—Irrigation.

Depth of well—57 feet.

Diameter of casing—16 inches.

Other numbers used—Bailey No. 3721E; Location No. 15870A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—Cont.		1932—	
July 22.....	0.6	June 30.....	1.3	Jan. 3.....	0.7
		Sept. 3.....	2.0	Jan. 29.....	1.1
1931—		Oct. 31.....	1.7		
Mar. 25.....	0.4	Dec. 1.....	1.6		
April 27.....	0.3				

Measurements from Riverside County Land Owners Association.

E-268-L-21, O. G. MEREDITH. MAP 5

Location and description—0.35 miles east of Center Street, 1000 feet east and 100 feet south of turn to south in highway through Prado, Prado.

Reference point—Top of casing, 1.5 feet above ground.

Elevation of reference point—531.1, from levels by G. K. Sanborn.

Use—Domestic.

Diameter of casing—7 inches.

Other numbers used—Bailey No. 3721N; State Div. E. and I. No. 81, Corona Quad.; Location No. 15880.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1931—	
July 13.....	*33.0	Dec. 16.....	*33.8	Feb. 9.....	35.7
1924—				May 7.....	35.8
Oct. 27.....	*29.0	1930—		July 9.....	37.5
		April 7.....	34.2	Sept. 11.....	39.7
1925—		July 15.....	36.6	Oct. 22.....	38.6
Sept. 20.....	*34.5	Sept. 25.....	37.8	Nov. 16.....	Sealed
		Dec. 1.....	36.0		

* Measurement from Division of Water Resources.

Measurements from Orange County Flood Control District except as noted.

E-268b-L-21, R. B. WARDLOW. MAP 5

Location and description—100 feet south of A. T. & S. F. Ry., 50 feet east of Yorba Street, Prado.

Reference point—Top of casing, east side, 0.5 feet above ground.

Elevation of reference point—512.0, from levels by G. K. Sanborn.

Use—Domestic.

Diameter of casing—7 inches.

Other numbers used—Bailey No. 3721G, O. Co. F. C. D. No. P-4, Location No. 15880B.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
April 22.....	13.3	Jan. 2.....	14.2	Sept. 25.....	18.2
May 21.....	12.9	Mar. 9.....	13.8	Oct. 31.....	*17.8
July 26.....	14.4	Mar. 24.....	*15.1	Dec. 1.....	*17.1
Sept. 19.....	16.3	May 7.....	14.6		
Nov. 12.....	15.3	June 24.....	17.6	1932—	
Dec. 18.....	14.6	July 9.....	18.5	Jan. 3.....	*16.0
				Jan. 29.....	*16.8

* Measurement from Riverside County Land Owners Association.

Measurements from Orange County Flood Control District except as noted.

E-269a-L-22, MR. YERBO. MAP 5

Location and description—500 feet south of A. T. & S. F. Ry., 3800 feet west of Railroad Avenue and Smith Street, 2000 feet northeast of Yorba Street, northeast of Prado.

Reference point—Bottom of pump base at floor and ground.

Elevation of reference point—527.8, from levels by G. K. Sanborn.

Use—Irrigation.

Diameter of casing—8 inches.

Other numbers used—Bailey No. 3722H, Location No. 15890A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1932—	
Nov. 15.....	20.9	May 16.....	18.5	Jan. 9.....	21.9
		Aug. 18.....	24.7	Jan. 29.....	24.8
		Oct. 17.....	25.5		
		Dec. 1.....	23.9		

Measurements from Riverside County Land Owners Association.

E-270-L-21, R. B. WARDLOW. MAP 5

Location and description—0.4 miles south of State Highway and 0.8 miles west of State Highway and Yorba Street intersection, west of Corona.

Reference point—Top of casing, 1.3 feet above ground.

Elevation of reference point—612.0, from levels by G. K. Sanborn.

Use—Domestic.

Diameter of casing—14 inches.

Other numbers used—State Div. E, and I. No. 80, Corona Quad.; Bailey No. 3728A; O. Co. F. C. D. No. P-6; Hoy No. 52; Location No. 15892.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1931—	
July 13.....	*90.5	Dec. 17.....	*96.6	Jan. 20.....	100.4
1924—		1930—		Mar. 10.....	99.3
Oct. 9.....	*94.3	June 17.....	98.7	April 1.....	*99.1
1925—		Sept. 19.....	99.9	June 30.....	*100.2
Sept. 28.....	*97.0	Dec. 10.....	99.8	Sept. 3.....	*101.6
				Oct. 31.....	*102.7
				Dec. 17.....	*102.2
				1932—	
				Jan. 29.....	*102.5

* Measurement from Division of Water Resources.

Measurements from Riverside County Land Owners Association.

Measurements from Orange County Flood Control District except as noted.

E-272-L-22, WILLIAM FISHER. MAP 5

Location and description—550 feet south of Rincon Street, 0.31 miles west of Smith Avenue, northwest of Corona.

Reference point—Northwest corner of 2' x 4' sill around pit at ground, to and including July 21, 1930, then, top of 8' x 8' across pit, 1.5 feet above ground.

Elevation of reference point—535.5, to and including July 21, 1930, then, 537.0, from levels by G. K. Sanborn.

Use—Irrigation.

Depth of well—48 feet.

Diameter of casing—12 inches.

Other numbers used—Bailey No. 3722B, O. Co. F. C. D. No. P-3, Location No. 15900A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
May 26.....	*20.4	Mar. 24.....	20.3	Oct. 17.....	31.6
July 21.....	*21.1	May 16.....	22.8	Nov. 2.....	31.1
Oct. 27.....	26.6	June 30.....	29.5	Dec. 17.....	26.6
Nov. 22.....	32.6	Aug. 18.....	30.6		
		Sept. 30.....	31.2	1932—	
				Jan. 4.....	27.2
				Jan. 29.....	30.5

* Measurement from Orange County Flood Control District.

Measurements from Riverside County Land Owners Association except as noted.

E-273a-L-22, ROBERT McCLINTOCK. MAP 5

Location and description—800 feet west of Smith Avenue, 0.3 miles north of Sixth Street and 100 feet north of State Highway, Corona.

Reference point—Plug hole in pump head, 0.8 feet above floor and ground.

Elevation of reference point—662.3, from levels by G. K. Sanborn.

Use—Irrigation.

Depth of well—217 feet.

Diameter of casing—16 inches.

Other numbers used—Bailey No. 3727B, Location No. 15901A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—		1931—Cont.	
Nov. 13.....	137.4	April 27.....	136.2	Nov. 2.....	140
Nov. 22.....	137.8	May 16.....	136.2	Dec. 17.....	140
		June 30.....	137.8		
		Sept. 3.....	139.7	1932—	
		Oct. 17.....	140.6	Jan. 29.....	139

Measurements from Riverside County Land Owners Association.

E-274-L-22, MRS. OTIS. MAP 5

Location and description—100 feet south of Rincon Street, 1200 feet east of Smith Avenue, Corona.

Reference point—Top of concrete pipe casing, 0.8 feet above ground.

Elevation of reference point—555.4, from levels by G. K. Sanborn.

Use—Not used.

Diameter of casing—8 inches.

Other numbers used—O. Co. F. C. D. No. P-8; State Div. E. and I. No. 93, Corona Quad.; Bailey No. 3723E; Location No. 15910A.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1931—	
July 19.....	*19.0	Dec. 17.....	*27.3	Jan. 2.....	32
				Mar. 9.....	30
1924—		1930—		April 27.....	*33
Oct. 31.....	*26.9	May 9.....	28.7	May 16.....	*31
		July 22.....	31.2	June 24.....	*34
1925—		Sept. 12.....	*34	Nov. 16.....	*34
Oct. 2.....	*28	Dec. 1.....	*34		

* Measurement from Division of Water Resources.

† Measurement from Riverside County Land Owners Association.

° Dry.

Measurements from Orange County Flood Control District except as noted.

E-274c-L-22, W. W. NICKLE. MAP 5

Location and description—100 feet south of Railroad Avenue, 700 feet east of Smith Street, Corona. 3' x 4' pit.

Reference point—Top of casing, 0.7 feet above ground, to and including September 15, 1931; then, top of 3" x 5" clamps, 2.2 feet above ground.

Elevation of reference point—592.9, to and including September 15, 1931; then, 594.4; from levels by G. K. Sanborn.

Use—Domestic.

Depth of well—70 feet.

Other numbers used—Bailey No. 3723K; Location No. 15910D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1932—	
Mar. 24.....	68.2	Dec. 17.....	75.0	Jan. 20.....	75.7
Nov. 16.....	77.5			Jan. 29.....	75.7

Measurements from Riverside County Land Owners Association.

E-275-L-22, A. F. CALL ESTATE, PUMP NO. 67. MAP 5

Location and description—100 feet east of Sherman Street and 1080 feet south of Railroad Avenue, Corona. 30 feet south of pump house. South well of three.

Reference point—Top of 1/2-inch measuring pipe in casing, 1 foot above ground.

Elevation of reference point—628.8, from levels by G. K. Sanborn.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—Bailey No. 3726B; Location No. 15911.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1932—		1932—Cont.	
Oct. 16.....	103.3	Jan. 1.....	101.6	April 1.....	110.8
Nov. 16.....	103.3	Mar. 1.....	100.3	April 16.....	99.8
Dec. 16.....	102.1				

Measurements from owner.

E-276-L-22, CORONA FOOTHILL LEMON COMPANY—LINCOLN STREET WELL. MAP 5

Log Available

Location and description—50 feet west of Lincoln Avenue, 400 feet north of West Sixth Street, Corona.

Reference point—Top of 1-inch hole in pump base, at ground.

Elevation of reference point—677.8, from levels by G. K. Sanborn.

Use—Irrigation.

Depth of well—204 feet.

Diameter of casing—16 inches.

Other numbers used—Bailey No. 3726G; Location No. 15912.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930—		1931—Cont.		1932—	
Dec. 1.....	141.0	Aug. 1.....	148.7	Jan. 1.....	144.4
		Oct. 1.....	145.9	Feb. 1.....	143.6
1931—		Nov. 1.....	151.5	Mar. 1.....	142.8
Feb. 1.....	140.3	Dec. 1.....	145.4	April 16.....	143.5
April 1.....	139.4				
June 1.....	145.7				

Measurements from owner.

E-276c-L-22, JAMISON ESTATE. MAP 5

Log Available

Location and description—50 feet west of Lincoln Avenue and 0.29 miles south of Olive Street, Corona.
 Reference point—Hole in east side of casing under base of pump, at ground.
 Elevation of reference point—797.4, from levels by G. K. Sanborn.
 Use—Irrigation.
 Depth of well—376 feet.
 Other numbers used—Bailey No. 3735A; Location No. 15913.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931— April 9.....	190.0	1931—Cont. June 4.....	190.8	1931—Cont. Dec. 2.....	193.1

Measurements from Riverside County Land Owners Association.

E-276e-L-22, CORONA FOOTHILL LEMON COMPANY—LOWER RANCH WELL. MAP 5

Log Available

Location and description—0.65 miles south of West Sixth Street and 0.35 miles west of Lincoln Avenue, southwest of Corona.
 Reference point—Top of casing, at ground.
 Elevation of reference point—773, from aneroid by D. W. R.
 Use—Not used.
 Depth of well—333 feet.
 Diameter of casing—16 inches.
 Other numbers used—Location No. 15912C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1927— April 22.....	204.0	1929—Cont. Sept. 1.....	201.4	1930— Jan. 16.....	213.
June 1.....	202.7	Oct. 16.....	233.2	Mar. 16.....	211.
July 10.....	201.7	Nov. 16.....	211.3	June 16.....	210.
Aug. 8.....	201.3			July 1.....	210.
Sept. 12.....	200.7	1929— Jan.	210.1	Dec. 1.....	215.
Oct. 4.....	200.4	Mar. 16.....	208.5		
Nov. 14.....	199.9	May 1.....	207.9	1931— Jan. 16.....	214
1928— Jan. 23.....	199.1	July 16.....	208.4	Feb. 1.....	213.
Mar. 13.....	198.8	Sept. 1.....	220.2	Mar. 1.....	216.
May 15.....	199.5	Oct. 16.....	214.9	April 1.....	215.
July 16.....	200.6	Nov. 1.....	215.0		
		Dec. 16.....	221.5		

Measurements from owner.

E-279-L-22, C. A. NEWTON. MAP 5

Location and description—25 feet north of Harrington Street, 300 feet east of Goodwin Street, north of Corona. East one of two wells in deep pit.
 Reference point—Top of sill around 8' x 4' pit at east end, 0.5 feet below ground.
 Elevation of reference point—561.5, from levels by O. Co. F. C. D., from local B. M.
 Use—Irrigation.
 Diameter of casing—14 inches.
 Other numbers used—O. Co. F. C. D. No. P-37; Bailey No. 3723G; Location No. 15920.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1930— June 23.....	27.0	1931— Jan. 2.....	27.9	1931—Cont. Sept. 11.....	33
July 29.....	30.3	Mar. 9.....	25.8	Nov. 16.....	32
Aug. 25.....	32.3	May 16.....	*29.2		
Oct. 16.....	30.0	July 9.....	32.7	1932— Jan. 4.....	*30
Dec. 18.....	27.9	Aug. 18.....	*33.0	Jan. 29.....	*29

* Measurement from Riverside County Land Owners Association.

Measurements from Orange County Flood Control District except as noted.

E-280-L-22, CORONA HEIGHTS WATER COMPANY. MAP 5

Location and description—825 feet north of Railroad Street, 345 feet north of A. T. & S. F. Ry., and 960 feet west of Cota Street, northwest of Corona.

Reference point—Top of 2-inch plank over concrete pit, 3 feet below ground.

Elevation of reference point—568.3, from levels by G. K. Sanborn.

Use—Irrigation.

Depth of well—100 feet.

Diameter of casing—12 inches.

Other numbers used—Bailey No. 3724Y; Location No. 15921.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—Cont.		1932—	
Oct. 28.....	37.0	Oct. 1.....	36.7	Jan. 4.....	33.6
		Nov. 2.....	36.9	Jan. 29.....	33.1
1931—		Dec. 2.....	35.3		
Mar. 24.....	29.3				
Sept. 4.....	36.1				

Measurements from Riverside County Land Owners Association.

E-280d-L-22, CORONA FOOTHILL LEMON COMPANY. MAP 5

Location and description—350 feet east of Buena Vista Street and 150 feet south of Second Street, extended, Corona.

Reference point—Top of 2-inch measuring pipe into casing, 0.5 feet above ground.

Elevation of reference point—635.9, from levels by G. K. Sanborn.

Use—Irrigation.

Depth of well—150 feet.

Diameter of casing—12 inches.

Other numbers used—Bailey No. 3726E; Location No. 15921D.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1928—		1930—		1931—Cont.	
May 15.....	87.1	Feb. 16.....	91.7	Aug. 1.....	97.0
July 16.....	89.7	April 1.....	90.3	Oct. 1.....	99.5
Sept. 1.....	91.8	June 16.....	91.1	Nov. 1.....	100.0
Oct. 16.....	91.2	Aug. 1.....	93	Dec. 1.....	98.3
Dec. 16.....	90.7	Oct. 1.....	95.2		
		Dec. 1.....	94.1	1932—	
1929—		1931—		Jan. 1.....	96.8
Feb. 1.....	89.2	Jan. 16.....	92.7	Feb. 1.....	95.7
April 16.....	87.9	Mar. 1.....	91.2	Mar. 1.....	94.7
June 1.....	90.1	April 16.....	92.0	April 1.....	94.6
Aug. 1.....	92.5	June 1.....	93.8	April 16.....	95.0
Oct. 16.....	93.7	July 1.....	95.5		
Dec. 16.....	94.4				

Measurements from owner.

E-281-L-22, B. CHAPIN. MAP 5

Location and description—125 feet west of Hamner Avenue and 400 feet north of intersection of Cota Street and Hamner Avenue, south of Norco.

Reference point—Top of 6" x 6" across pit, at ground.

Elevation of reference point—577.6, from levels by G. K. Sanborn.

Use—Domestic.

Depth of well—54 feet.

Diameter of casing—12 inches.

Other numbers used—Bailey No. 3724G; State Div. E. and I. No. 78, Corona Quad.; Location No. 15930.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1931—		1931—Cont.	
April 13.....	*15.0	Mar. 26.....	31.5	Oct. 1.....	33.7
		June 3.....	31.8	Dec. 2.....	34.1
1927—		Aug. 2.....	32.6		
Dec. 15.....	*25.2			1932—	
				Jan. 4.....	33.8

* Measurement from Division of Water Resources.

Measurements from Riverside County Land Owners Association except as noted.

E-281f-L-22, ORANGE HEIGHTS WATER COMPANY, NO. 1-B. MAP 5

Location and description—50 feet east of Hamner Avenue, 400 feet north of River Street (Auburndale Road), north of Corona. 80 feet north of No. 1-A.

Reference point—Top of casing, 1 foot above ground.

Elevation of reference point—587.6, from levels by G. K. Sanborn.

Use—Irrigation.

Other numbers used—Bailey No. 3724T; Location No. 15930F.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1929—		1931—		1931—Cont.	
Oct. 28.....	44.3	Mar. 26.....	47.2	Aug. 1.....	57.6
1930—		April 29.....	43.0	Sept. 3.....	58.6
Nov. 14.....	44.3	June 3.....	49.4	Oct. 2.....	51.2
Nov. 21.....	43.5				

* No. 1-A pumping.

Measurements from Riverside County Land Owners Association.

E-282c-L-22, CORONA FOOTHILL LEMON COMPANY, NO. 3. MAP 5

Log Available

Location and description—175 feet west of Merrill Street, 128 feet north of Third Street, Corona.

Westerly well of three.

Reference point— $\frac{3}{4}$ -inch hole in top of pump base, 2.5 feet below ground.

Elevation of reference point—631.5, from levels by G. K. Sanborn.

Use—Irrigation and domestic.

Depth of well—167 feet.

Diameter of casing—18 inches.

Other numbers used—Bailey No. 3725G; Location No. 15931C.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—		1927—		1929—Cont.	
Nov. 10.....	88.2	Feb. 7.....	82.0	Oct. 16.....	86.1
Dec. 1.....	88.3	April 22.....	76.3	Nov. 1.....	90.9
1925—		May 9.....	81.8	Dec. 16.....	90.8
Jan. 5.....	86.4	July 10.....	83.9	1930—	
Feb. 2.....	87.8	Sept. 12.....	86.2	Jan. 16.....	85.1
Mar. 1.....	86.2	Oct. 4.....	86.2	April 1.....	82.4
April 1.....	83.8	Nov. 14.....	80.8	July 1.....	97.5
May 1.....	87.9	1928—		Sept. 1.....	97.6
June 1.....	89.2	Jan. 23.....	79.0	Nov. 1.....	98.5
Aug. 12.....	91.8	Mar. 13.....	77.7	Dec. 1.....	86.5
Sept. 2.....	94.5	April 16.....	83.0	1931—	
Oct. 1.....	95.6	May 15.....	79.2	Jan. 16.....	84.9
Nov. 1.....	96.2	July 16.....	86.2	Mar. 1.....	83.3
Dec. 1.....	95.3	Sept. 1.....	88.3	April 1.....	95.7
1926—		Oct. 16.....	83.5	June 1.....	97.5
Jan. 23.....	96.0	Dec. 16.....	83.0	Aug. 1.....	97.8
Feb. 6.....	90.7	1929—		Sept. 1.....	99.5
Mar. 9.....	90.9	Feb. 1.....	81.3	Oct. 1.....	92.2
April 3.....	93.9	April 16.....	79.7	Nov. 1.....	104.8
May 2.....	85.8	May 1.....	84.5	Dec. 1.....	90.4
June 6.....	89.3	July 16.....	88.3	1932—	
July 4.....	88.0	Sept. 1.....	90.4	Jan. 1.....	89.0
Sept. 8.....	90.0			Feb. 1.....	87.9
Oct. 23.....	90.6			Mar. 1.....	86.8
Dec. 6.....	85.1				

Measurements from owner.

E-282f-L-22, N. G. McCURDY—LAUNDRY WELL. MAP 5

Location and description—111 feet east of Main Street and 23 feet north of Second Street, Corona.

Reference point—Top of iron plate, 0.5 feet above ground.

Elevation of reference point—629.2, from levels by G. K. Sanborn.

Use—Not used.

Depth of well—125 feet

Diameter of casing—12 inches.

Other numbers used—Bailey No. 3725H, Location No. 15931F.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1924—		1927—Cont.		1930—	
Nov. 10.....	72.9	Aug. 8.....	72.6	Jan. 16.....	77.5
Dec. 1.....	73.2	Oct. 4.....	73.9	Feb. 16.....	76.2
		Nov. 14.....	72.8	April 1.....	74.5
1925—				June 16.....	74.8
Jan. 5.....	72.2	1928—		July 1.....	75.3
Mar. 1.....	71.8	Jan. 23.....	71.2	Sept. 1.....	78.4
April 1.....	71.9	Mar. 13.....	69.5	Dec. 1.....	79.2
June 1.....	73.6	April 16.....	70.2		
Aug. 12.....	77.7	May 15.....	70.9	1931—	
Oct. 1.....	79.8	June 1.....	71.8	Jan. 16.....	77.0
1926—		Aug. 16.....	74.8	Mar. 1.....	75.2
June 6.....	74.6	Oct. 16.....	75.7	June 1.....	77.8
Aug. 1.....	76.6	Dec. 16.....	75.1	Aug. 1.....	81.8
Sept. 8.....	77.6			Oct. 1.....	84.2
Oct. 23.....	78.1	1929—		Nov. 1.....	85.2
Dec. 6.....	77.4	Feb. 1.....	73.5		
1927—		April 16.....	72.1	1932—	
Feb. 7.....	74.1	May 1.....	72.5	Jan. 1.....	81.8
Mar. 6.....	70.1	June 1.....	74.0	Feb. 1.....	80.8
April 22.....	67.8	Aug. 1.....	76.8	Mar. 1.....	79.5
June 1.....	69.9	Oct. 16.....	79.8	April 1.....	79.0
		Nov. 1.....	80.7		

Measurements from Corona Foothill Lemon Company.

E-286c-L-23, PARKRIDGE COUNTRY CLUB. MAP 5

Location and description—1150 feet north of A. T. & S. F. Ry., 600 feet south of Parkridge Tennis courts, 2900 feet east of Joy Street, northeast of Corona.

Reference point—Top of pump base at floor, and ground.

Elevation of reference point—608.2, from levels by G. K. Sanborn.

Use—Irrigation.

Other numbers used—Bailey No. 3630A; Location No. 15951.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1931—		1931—Cont.		1931—Cont.	
April 1.....	36.6	July 1.....	40.1	Sept. 3.....	44.5
May 1.....	38.1				

Measurements from Riverside County Land Owners Association.

E-287-L-23, CITY OF CORONA. MAP 5

Location and description—600 feet north of Sixth Street, and 500 feet east of Grand Boulevard, 70 feet south and 95 feet east of northwest corner of City Park, Corona.
Reference point—Hole in pump base, 0.6 feet above floor and ground.
Elevation of reference point—658.0, from levels by G. K. Sanborn.
Use—Irrigation and domestic.
Depth of well—150 feet.
Diameter of casing—12 inches.
Other numbers used—Bailey No. 3630B; Location No. 15942.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1926—		1931—	
June 1.....	92.0	May 2.....	90.6	Mar. 27.....	*93.0
July 1.....	93.6	June 6.....	91.7	June 3.....	*95.2
		July 4.....	92.2	Oct. 2.....	*101.9
		Aug. 1.....	93.4		
		Sept. 8.....	94.7		

* Measurement from Riverside County Land Owners Association.
 Measurements from Corona Foothill Lemon Company except as noted.

E-287c-L-23, J. WIGHTMAN. MAP 5

Location and description—30 feet north of Commercial Street, at angle, 700 feet east of Rimpau Street, and 0.51 miles east of Grand Boulevard, Corona.
Reference point—Top of casing, 0.5 feet above ground.
Elevation of reference point—659.4, from levels by G. K. Sanborn.
Use—Domestic.
Depth of well—96 feet.
Diameter of casing—7 inches.
Other numbers used—Bailey No. 3630E; State Div. E. and I. No. 99, Corona Quad.; Location No. 15952.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1931—Cent.	
July 22.....	*61.0	Dec. 14.....	*77.5	Oct. 2.....	88.0
1924—		1931—		Dec. 2.....	88.7
Oct. 10.....	*78.8	Mar. 28.....	81.2	1932—	
1925—		June 3.....	82.9	Jan. 29.....	86.7
Oct. 5.....	*84.3	Aug. 1.....	85.2		

* Measurement from Division of Water Resources.
 Measurements from Riverside County Land Owners Association except as noted.

E-291-L-23, TEMESCAL WATER COMPANY—BROCKMAN WELL. MAP 5

Log Available

Location and description—0.22 miles east of Rimpau Street and 0.45 miles north of Temescal Street, southeast of Corona. 500 feet south of Call Estate well.

Reference point—Top of curb, 1 foot below ground.

Elevation of reference point—739.2, from levels by owner.

Use—Abandoned.

Depth of well—220 feet.

Diameter of casing—16 inches.

Other numbers used—State Div. E. and I. No. 235, Corona Quad.; Location No. 15963.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1925—		1929—Cont.		1930—Cont.	
June 30.....	*124.5	April 1.....	124.9	Oct. 14.....	130.7
1927—		May 1.....	126.0	Nov. 8.....	132.8
Dec. 22.....	*127.1	June 8.....	127.2	Dec. 6.....	130.1
1928—		Sept. 17.....	133.4	1931—	
Jan. 7.....	124.8	Oct. 12.....	129.3	Jan. 3.....	129.3
Feb. 24.....	123.4	Nov. 9.....	132.3	Feb. 14.....	128.0
Mar. 24.....	122.7	Dec. 21.....	128.8	Mar. 17.....	129.0
April 7.....	123.9	1930—		April 11.....	128.8
May 18.....	124.3	Jan. 4.....	127.8	Sept. 18.....	139.5
June 16.....	126.6	Feb. 1.....	126.6	Oct. 16.....	139.4
Dec. 11.....	125.5	Mar. 1.....	126.2	Nov. 27.....	135.3
1929—		April 12.....	125.7	Dec. 12.....	134.3
Feb. 23.....	124.0	May 24.....	125.9	1932—	
Mar. 11.....	124.3	June 7.....	129.1	Jan. 8.....	132.5
		Sept. 16.....	132.0		Destroyed

* Measurement from Division of Water Resources.

Measurements from Temescal Water Company except as noted.

E-291b-L-23, W. H. JAMISON, JR. MAP 5

Log Available

Location and description—600 feet north of Magnolia Avenue, 3000 feet east of Porphyry Spur, 1 mile west of Johnson Street, east of Corona.

Reference point—Top of 1 beam across pit, 3.0 feet below ground, to and including December 14, 1927; then, top of concrete pit at base of 1 beam, 4.0 feet below ground.

Elevation of reference point—645.8, to and including December 14, 1927; then, 644.8; from levels by G. K. Sanborn.

Use—Not used.

Depth of well—190 feet.

Diameter of casing—18 inches.

Other numbers used—Bailey No. 3629B; State Div. E. and I. No. 96, Corona Quad.; Location No. 15972.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1931—Cont.	
July 21.....	*10.0	Dec. 14.....	*17.4	Sept. 4.....	25.6
1924—		1931—		Oct. 2.....	25.6
Oct. 10.....	*24.0	Mar. 28.....	21.2	Nov. 2.....	24.4
1925—		April 30.....	21.4	Nov. 30.....	22.8
Oct. 6.....	*26.4	June 3.....	22.9	1932—	
		July 2.....	24.1	Jan. 5.....	19.2
		Aug. 1.....	25.7	Jan. 29.....	17.6

* Measurement from Division of Water Resources.

Measurements from Riverside County Land Owners Association except as noted.

E-294-L-23, NORA VANDERSLICE. MAP 5

Location and description—20 feet north of Magnolia Avenue and 20 feet west of Johnson Street, east of Corona.

Reference point—Top of casing, 6.4 feet below ground, in pit, to and including December 14, 1927; then, top of base of pump, 1 foot below ground.

Elevation of reference point—662.0, to and including December 14, 1927; then, 669.4; from levels by G. K. Sanborn.

Use—Irrigation.

Diameter of casing—12 inches.

Other numbers used—Bailey No. 3628B; State Div. E. and I. No. 101, Corona Quad.; Location No. 15981.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1922—		1927—		1931— Cont.	
July 22.....	^a 4.0	Dec. 14.....	^a 5.5	Nov. 2.....	25.7
1924—		1931—		Nov. 30.....	23.2
Oct. 10.....	^a 33.5	Mar. 30.....	23.1	1932—	
1925—		April 27.....	23.6	Jan. 5.....	20.7
Oct. 6.....	^a 13.4	July 2.....	25.0	Jan. 29.....	19.4
		Oct. 2.....	25.1		

^a Measurement from Division of Water Resources.

Measurements from Riverside County Land Owners Association except as noted.

E-298u-L-24, C. W. MAIN. MAP 5

Location and description—46 feet west of Buchanan Street and 50 feet north of Magnolia Avenue, northwest of Corona. 20 feet southeast of E-298-L-24.

Reference point—Top of 7-foot circular concrete pit, 1.1 feet above ground.

Elevation of reference point—686.4, from levels by G. K. Sanborn.

Use—Not used.

Depth of well—180 feet.

Other numbers used—Bailey No. 3622E; Gage Canal Co. No. A-43; Location No. 16000U.

Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet	Date	Dist. R. P. to water surface, feet
1920—		1922—		1931—	
Dec. 12.....	^a 10.6	July 22.....	^b 6.0	Mar. 30.....	^b 6.6
1921—		1925—		June 3.....	6.6
Jan. 6.....	^a 10.4	Oct. 6.....	^b 11.8	July 2.....	6.8
Feb. 16.....	^a 8.6	1927—		Aug. 1.....	^c 12.0
May 27.....	^a 8.2	Dec. 13.....	^b 8.1	Sept. 4.....	6.9
				Nov. 30.....	6.6

^a Measurement from Gage Canal Company.

^b Measurement from Division of Water Resources.

^c No water.

Measurements from Riverside County Land Owners Association except as noted.

Jackson St

December 14 1911

1914, from 1890

ad, Location

Dist. 2.2
to water
surface, in

20' 0"
20'

20' 0"
20'

Cagnola Avenue

160000.

Dist. 2.2
to water
surface, in

20' 0"
20'

20' 0"
20'

PUBLICATIONS

of the

DIVISION OF WATER RESOURCES

PUBLICATIONS OF THE
DIVISION OF WATER RESOURCES
 DEPARTMENT OF PUBLIC WORKS
 STATE OF CALIFORNIA

When the Department of Public Works was created in July, 1921, the State Water Commission was succeeded by the Division of Water Rights, and the Department of Engineering was succeeded by the Division of Engineering and Irrigation in all duties except those pertaining to State Architect. Both the Division of Water Rights and the Division of Engineering and Irrigation functioned until August, 1929, when they were consolidated to form the Division of Water Resources.

STATE WATER COMMISSION

First Report, State Water Commission, March 24 to November 1, 1912.

Second Report, State Water Commission, November 1, 1912 to April 1, 1914.

*Biennial Report, State Water Commission, March 1, 1915, to December 1, 1916.

Biennial Report, State Water Commission, December 1, 1916, to September 1, 1918.

Biennial Report, State Water Commission, September 1, 1918, to September 1, 1920.

DIVISION OF WATER RIGHTS

*Bulletin No. 1—Hydrographic Investigation of San Joaquin River, 1920-1923.

*Bulletin No. 2—Kings River Investigation, Water Master's Reports, 1918-1923.

*Bulletin No. 3—Proceedings First Sacramento-San Joaquin River Problems Conference, 1924.

*Bulletin No. 4—Proceedings Second Sacramento-San Joaquin River Problems Conference, and Water Supervisor's Report, 1924.

*Bulletin No. 5—San Gabriel Investigation—Basic Data, 1923-1926.

Bulletin No. 6—San Gabriel Investigation—Basic Data, 1926-1928.

Bulletin No. 7—San Gabriel Investigation—Analysis and Conclusions, 1929.

*Biennial Report, Division of Water Rights, 1920-1922.

*Biennial Report, Division of Water Rights, 1922-1924.

Biennial Report, Division of Water Rights, 1924-1926.

Biennial Report, Division of Water Rights, 1926-1928.

DEPARTMENT OF ENGINEERING

*Bulletin No. 1—Cooperative Irrigation Investigations in California, 1912-1914.

*Bulletin No. 2—Irrigation Districts in California, 1887-1915.

Bulletin No. 3—Investigations of Economic Duty of Water for Alfalfa in Sacramento Valley, California, 1915.

*Bulletin No. 4—Preliminary Report on Conservation and Control of Flood Waters in Coachella Valley, California, 1917.

*Bulletin No. 5—Report on the Utilization of Mojave River for Irrigation in Victor Valley, California, 1918.

*Bulletin No. 6—California Irrigation District Laws, 1919 (now obsolete).

Bulletin No. 7—Use of water from Kings River, California, 1918.

*Bulletin No. 8—Flood Problems of the Calaveras River, 1919.

Bulletin No. 9—Water Resources of Kern River and Adjacent Streams and Their Utilization, 1920.

*Biennial Report, Department of Engineering, 1907-1908.

*Biennial Report, Department of Engineering, 1908-1910.

*Biennial Report, Department of Engineering, 1910-1912.

*Biennial Report, Department of Engineering, 1912-1914.

*Biennial Report, Department of Engineering, 1914-1916.

*Biennial Report, Department of Engineering, 1916-1918.

*Biennial Report, Department of Engineering, 1918-1920.

* Reports and Bulletins out of print. These may be borrowed by your local library from the California State Library at Sacramento, California.

DIVISION OF WATER RESOURCES

Including Reports of the Former Division of Engineering and Irrigation

- Bulletin No. 1—California Irrigation District Laws, 1921 (now obsolete).
- Bulletin No. 2—Formation of Irrigation Districts, Issuance of Bonds, etc., 1922.
- Bulletin No. 3—Water Resources of Tulare County and Their Utilization, 1922.
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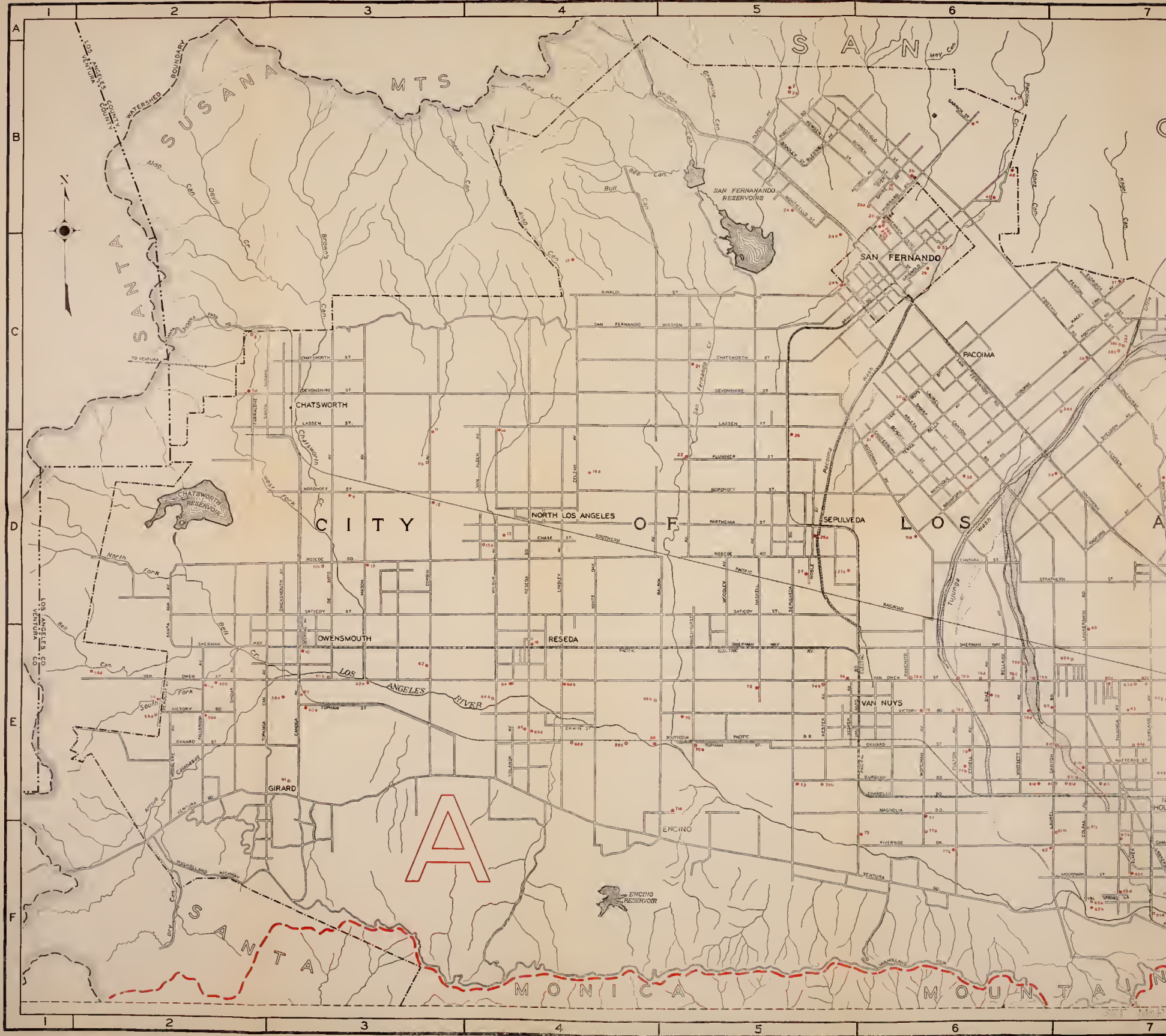
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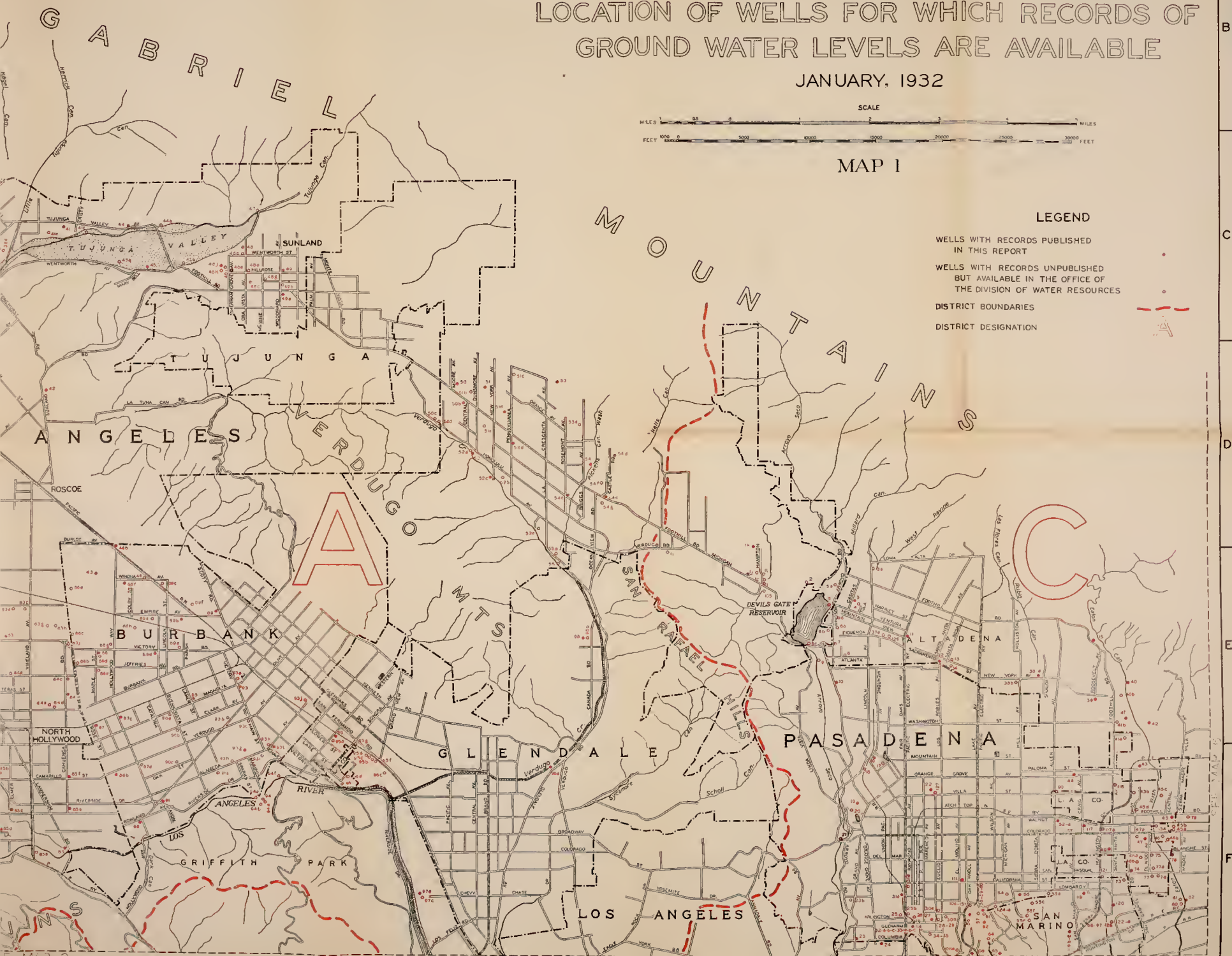
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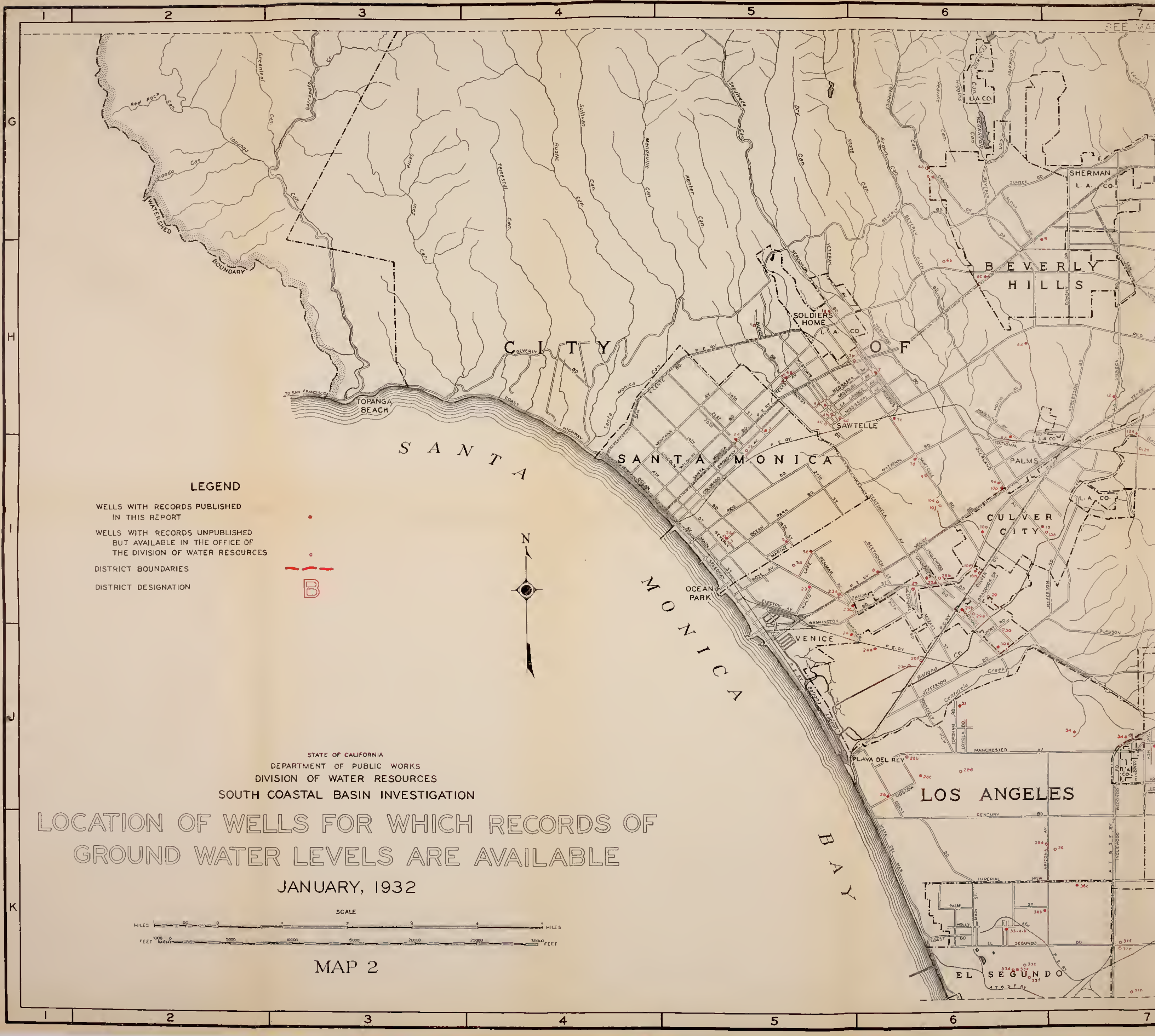
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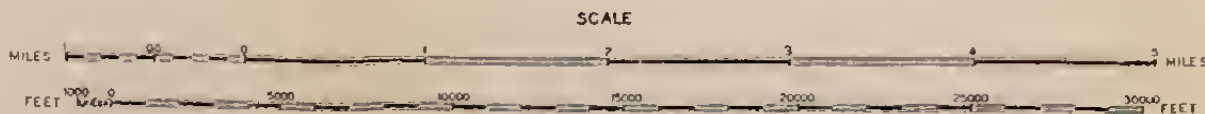
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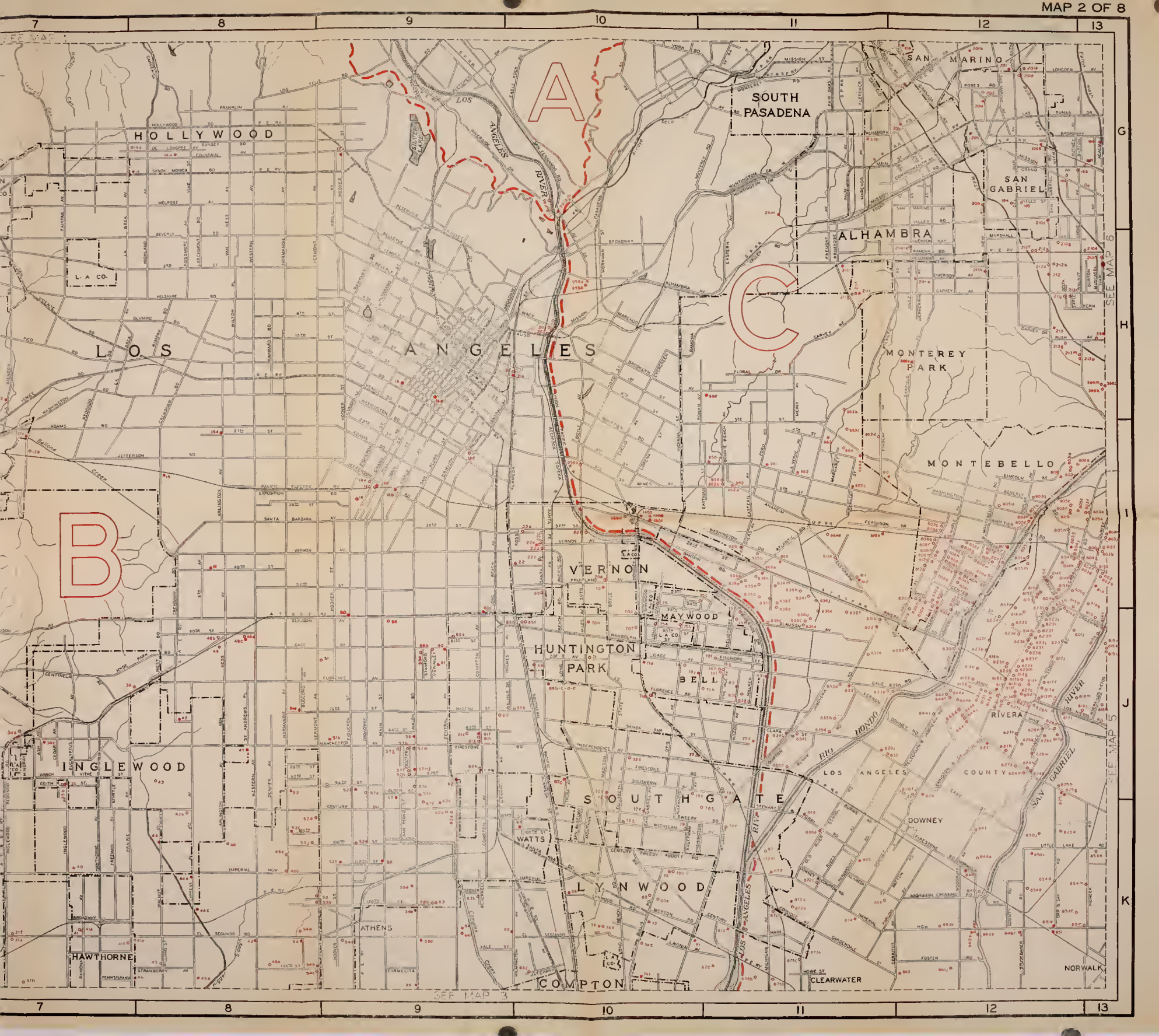
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SOUTH COASTAL BASIN INVESTIGATION

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MAP 2





SEE MAP 2

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COMPTON

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SIGNAL HILL

LONG BEACH

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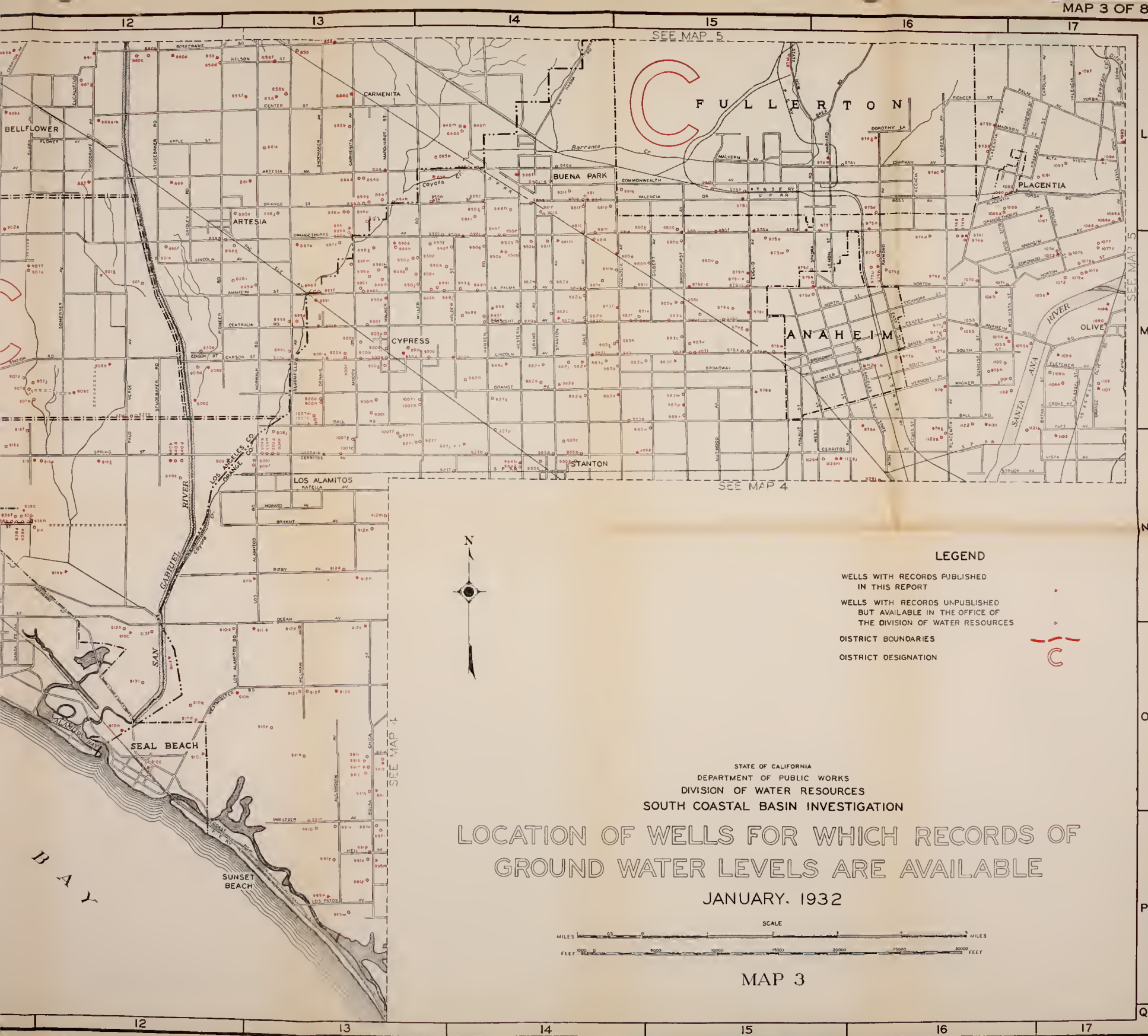
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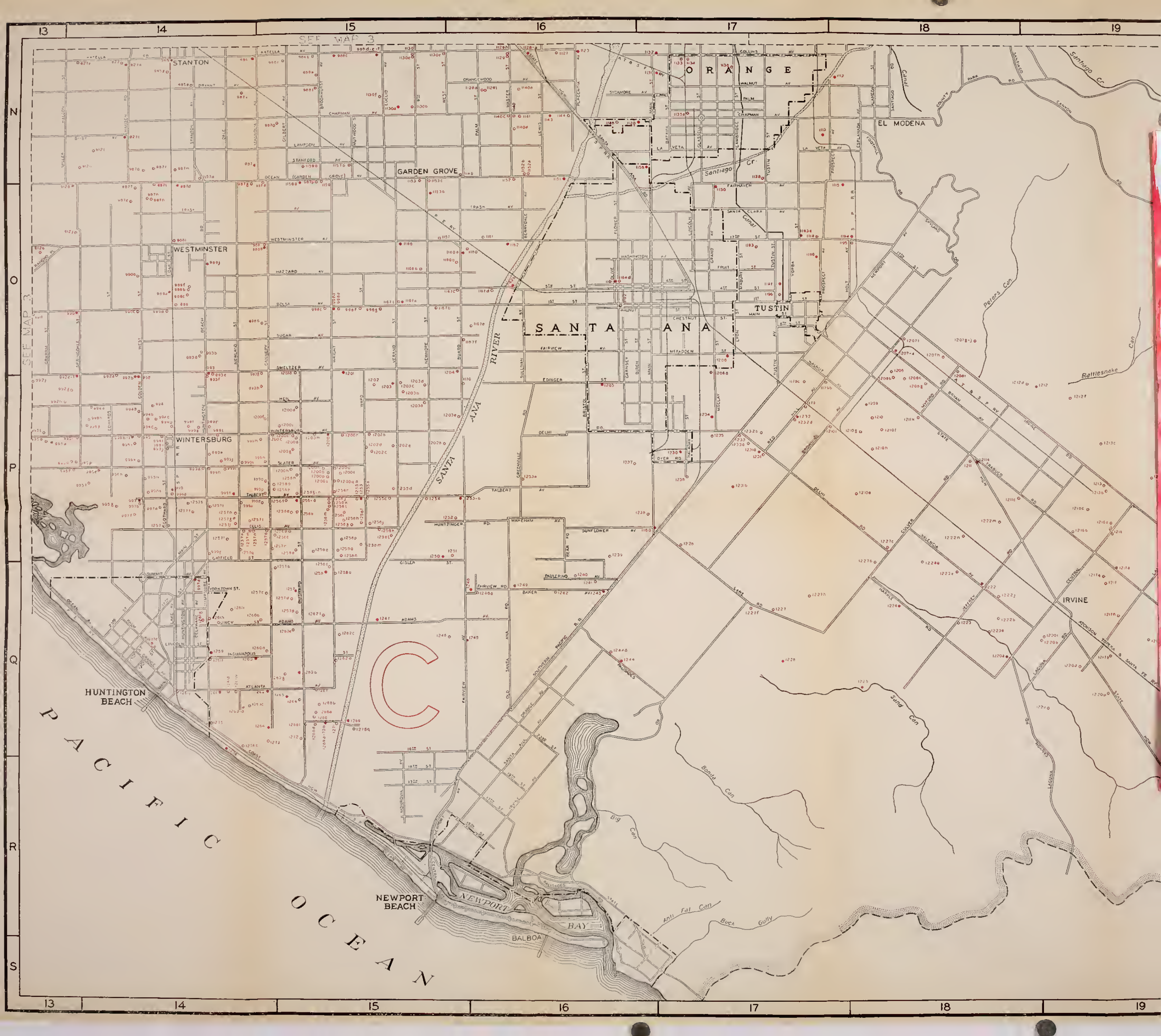
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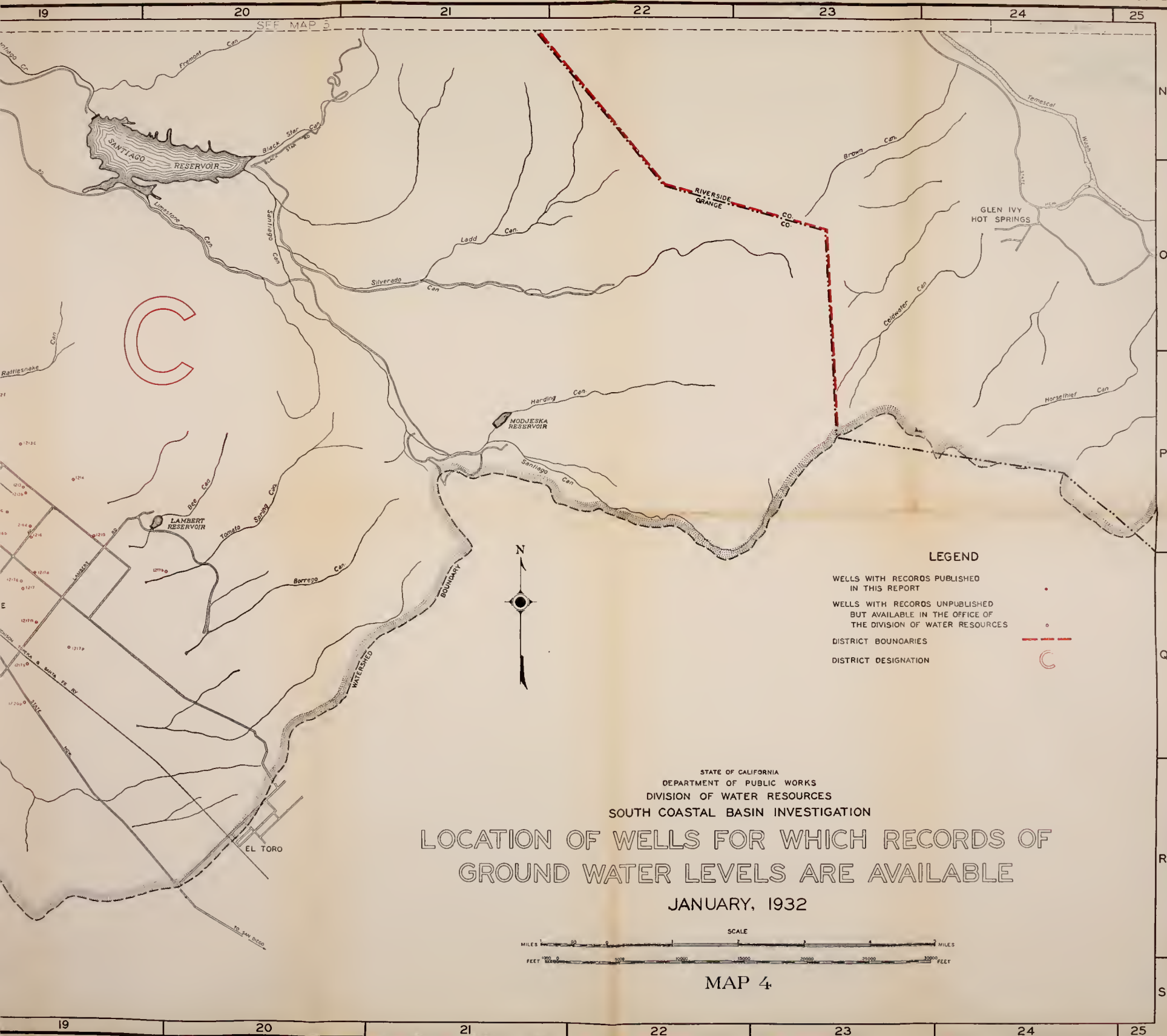
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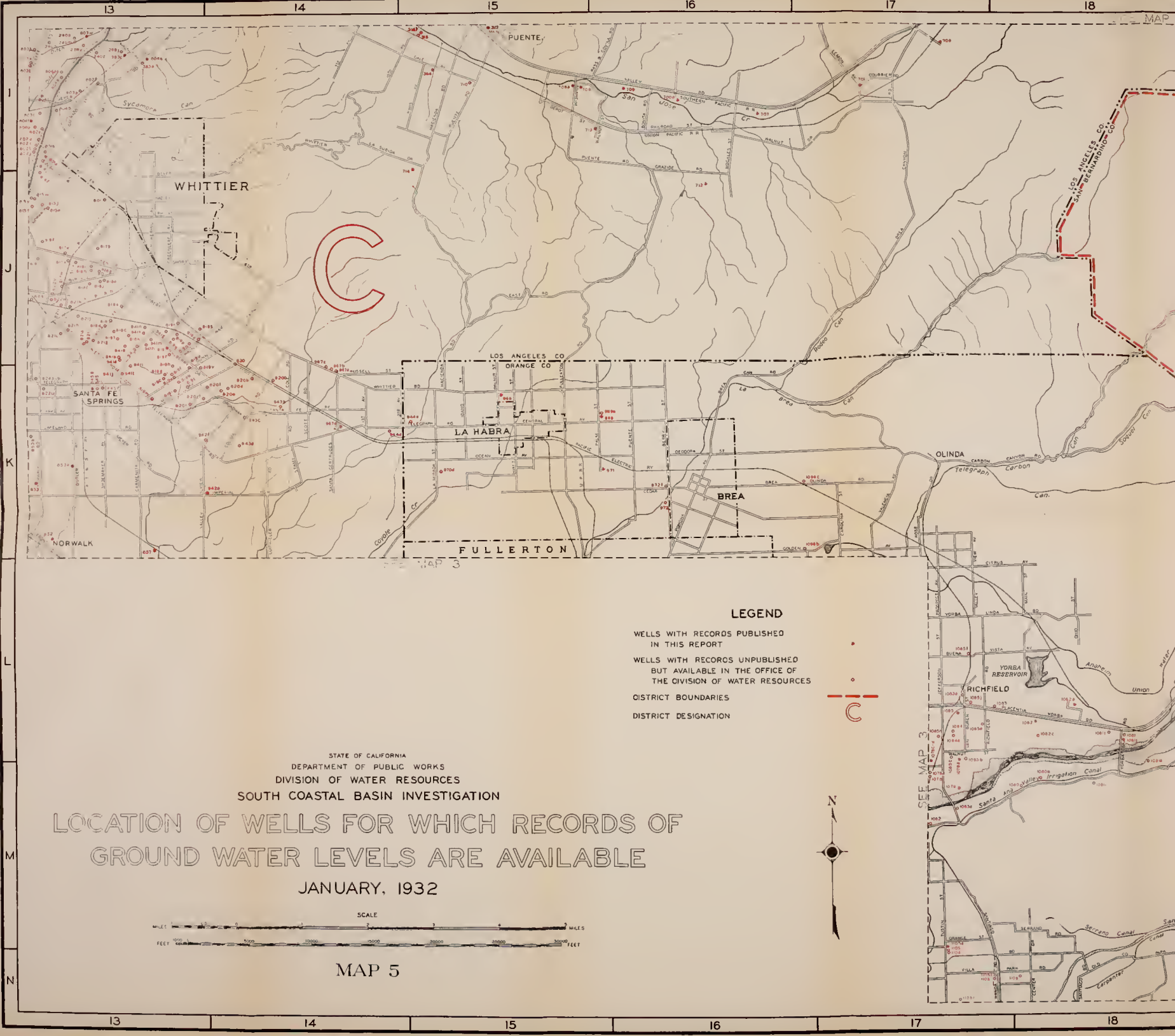
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SEE MAP 4

SEE MAP 8

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DISTRICT DESIGNATION



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LOCATION OF WELLS FOR WHICH RECORDS OF GROUND WATER LEVELS ARE AVAILABLE

JANUARY, 1932



MAP 6



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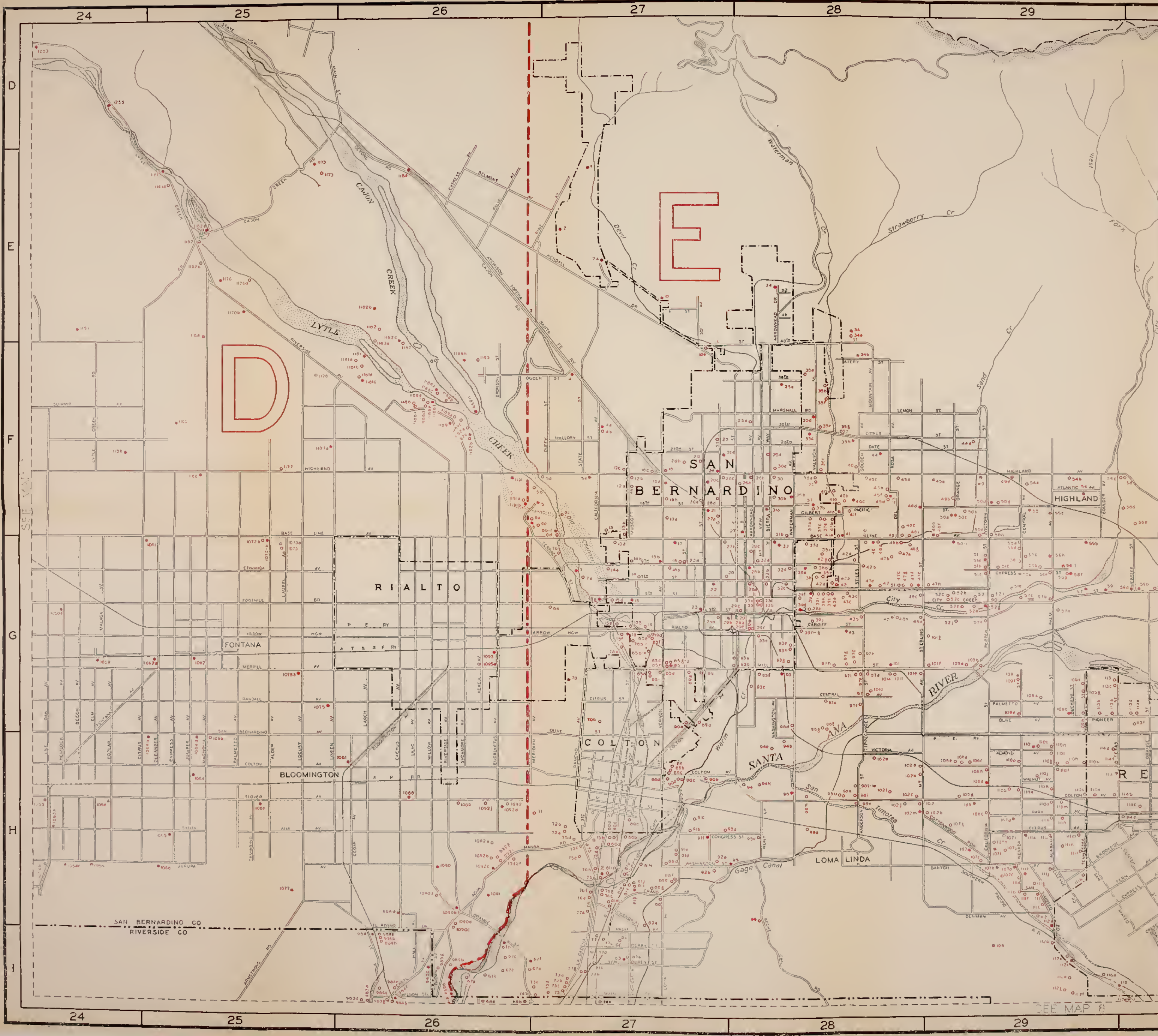
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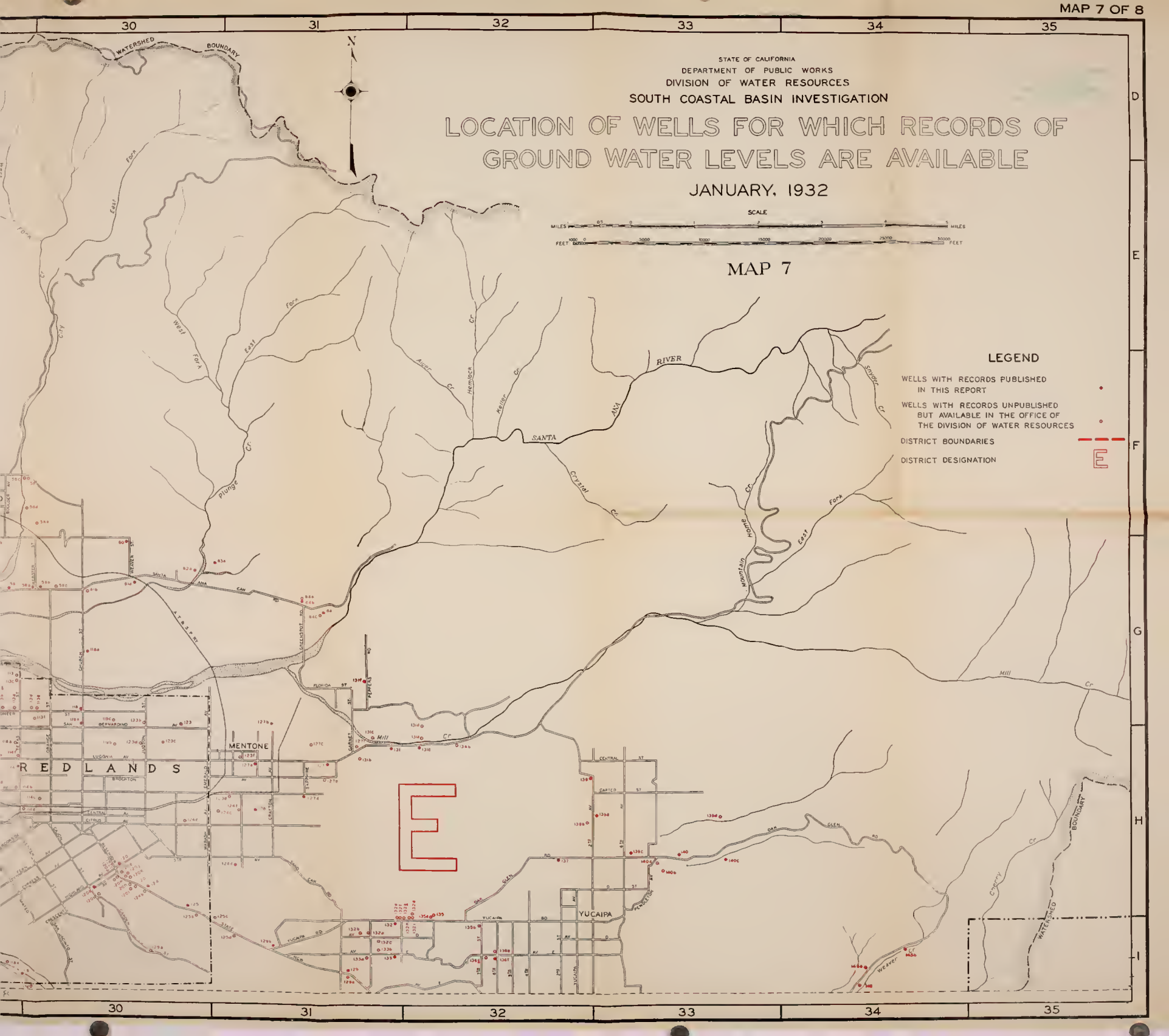
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LOCATION OF WELLS FOR WHICH RECORDS OF GROUND WATER LEVELS ARE AVAILABLE

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SEE MAP 7



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DISTRICT DESIGNATION

SEE MAP 4



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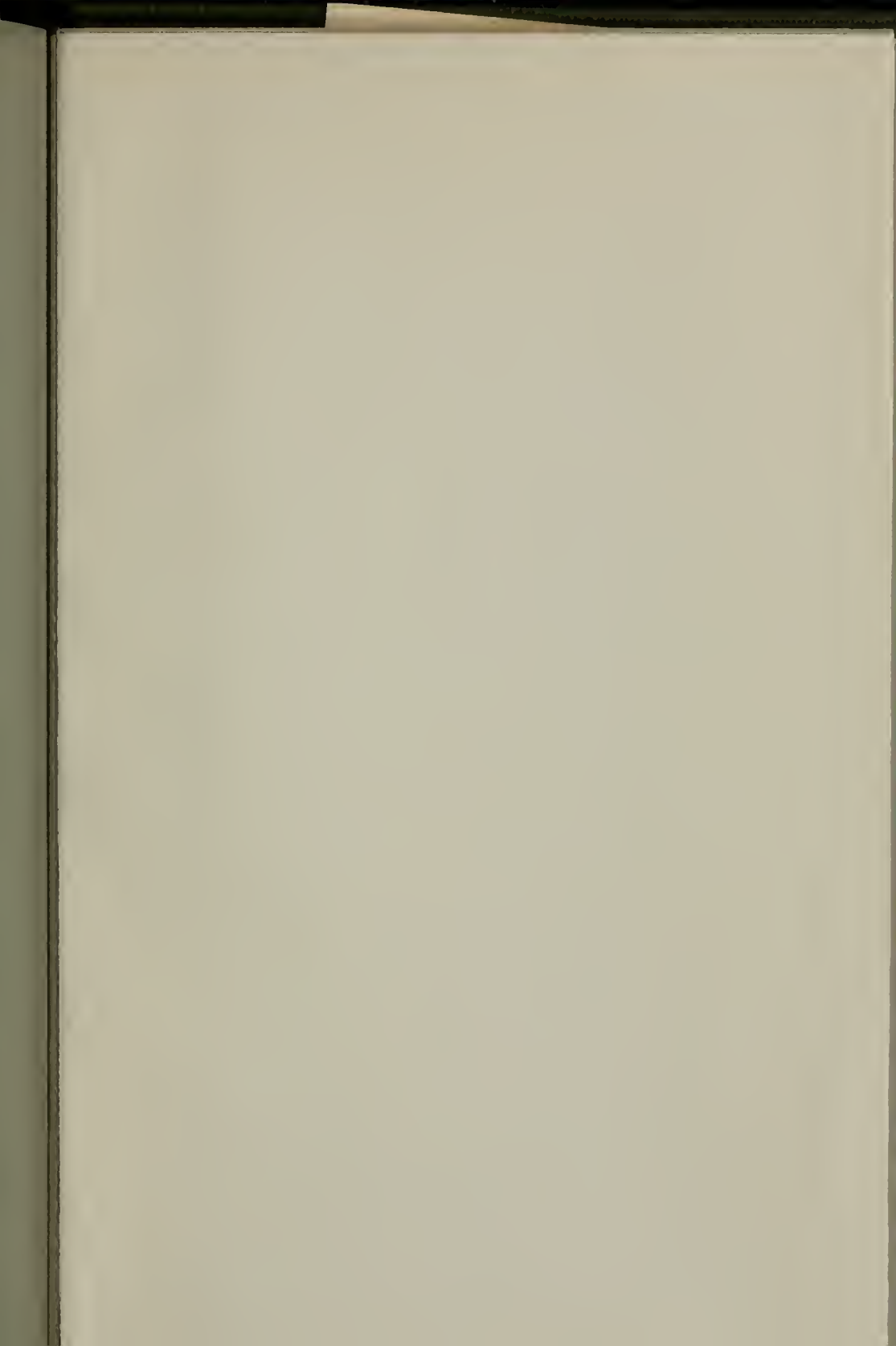
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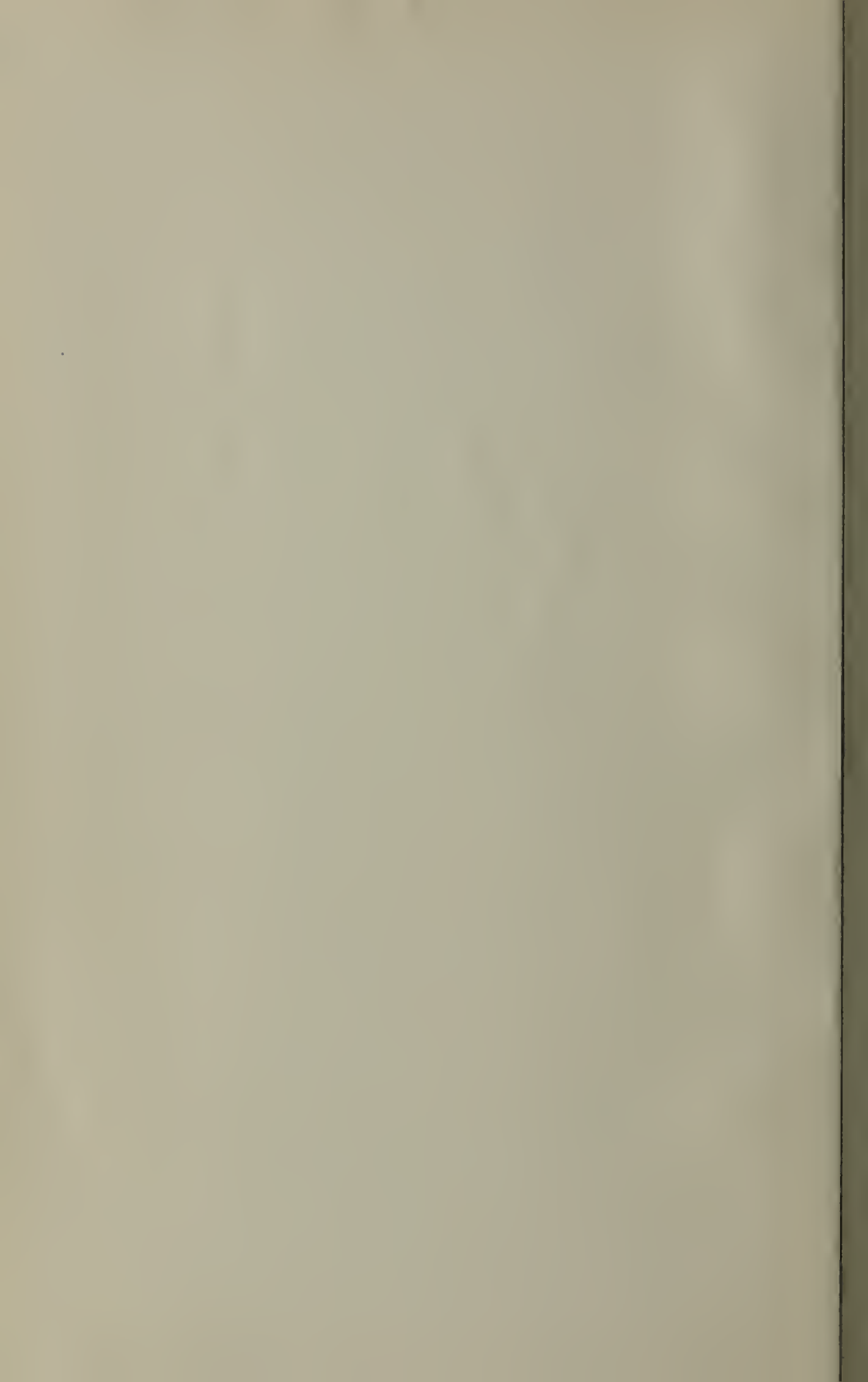
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